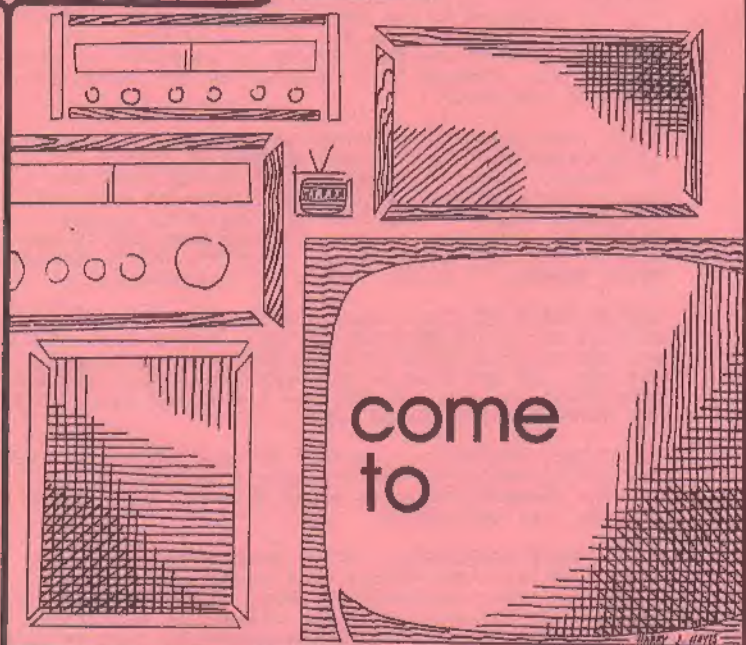


# VHF-UHF DIGEST



# TOPEKA

ANNUAL CONVENTION ISSUE

# **publishers' notes...**

**WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA**

**1974 CONVENTION INFO....**this year's host Dave Pamerey has sent along further details. Convention will be held August 2-4 (Friday, Saturday, and Sunday). On Friday evening there will be a live telecast on KTWU channel 11, Tepeka, featuring TV-DX. (Incidentally, this will be in color and could possibly be used by other PBS stations at a later date!) On Saturday evening there will be an organized banquet. It's cost will be included in the \$10 registration fee. Meetings each day will be held in the studios of KTWU, and tours to WIEW-13 and KTSB-27 can be arranged for those interested. (Expect news coverage of the convention by these stations).

Among this year's convention speakers will be Merrie Goldman, who will give a talk on "New FM tuners for FM-DXers." Other speakers are now being lined up. Activities have been planned for wives and children, including trips to Gage Park and the world famous Tepeka Zoo. Please let Dave Pamerey know NOW if you plan to attend. His address: c/o KTWU, 301 N. Wanamaker Road, Tepeka, KS 66604. Let's see you there!

**NEW FM NORTH EDITOR....**response was excellent to our request for a new FM North editor. Edward Barboni was the first to volunteer his services, so he gets the nod. Ed was able to put together a small column this month, so you may refer to his column (on page 24) for address and deadline info.

**MS DX TEST ARRANGED....**meteor scatter test co-ordinator Shelby Remington has arranged a special DX test for the upcoming Perseids super-shower. See details on page 7 of this issue.

**FUTURE EMMY CONTENDER....**WTFDA member and Statistics column editor Glenn Hauser will narrate an Oklahoma State University produced TV show, "Music of the People". This production deals with the history of Bluegrass music, and a segment will be televised at 2100 to 2130 CST nationwide on each of the four Wednesdays in July.

**MORE MS DX TEST INFO....**Glenn Hauser has arranged MS test for KOSU-FM (91.7 megahertz) during Perseids. Test will consist of continuous ID's from 0700-0800 CDT on Sunday, August 11.

**SUPER E-SKIP CONDITIONS....**reported in this month's DX columns are some really exceptional E-skip conditions, including double-hop from Florida to California seen on TV rabbit ears! And a late phone call from Roger Brown (Michigan) indicates 45 minutes "reck solid" reception of WKBT-7 around noon of June 15th!

# THE STRANGEST DX OF ALL TIME

o o o o o retold by Clarke W. Ingram

Before I get to the business at hand, I'd like to take this opportunity to let HQ and all of you know that I've just had my name changed from Clark Golubic to the name you see above. My mother has remarried, and since I don't consider "Golubic" easy on the tongue, we've gone through the legal hassle of having it changed. That process has now been completed; take note, Don Ruland, to change it on the membership list! So much for that. Now to our story.....

When I laughingly joked about some of the many stories told about DXing in my introduction to "The Haunting DX" (May VUD), it had not occurred to me that many of you, particularly those new to the hobby, had not been acquainted with one of the most unusual tales in the history of DXing. With that in mind, I would like to retell the story. It is certainly one which bears retelling, and which must go down in the books as the strangest DX of all time.....

Most of you are probably familiar with F2 skip, which has been bouncing shortwave all over the place since the origination of radio. This means of propagation has brought many foreign stations to our shores---and, conversely, has sent many of our television signals to other nations. This appeared to be the case on September 14, 1953, when many television viewers in the British Isles received on their screens the identification of station KLEE, in Houston, Texas. For a three-day period, the signal from KLEE would override the station to which the sets were tuned, making normal viewing impossible. Finally, on September 17, the KLEE signal disappeared, and never did return.

Station KLEE was operating on Channel 2, and it just so happens that the video carrier of our Channel 2 (55.25 MHz) is the same as Great Britain's Channel 3. Hence, reception of the video of KLEE was feasible; and, as the Air Force later put it, "...under freak conditions such long-range reception of commercial television does occur." (This we TV-DXers all too well know.) However, when several of the viewers attempted to contact KLEE for confirmation of their unusual experience, they found themselves confronted with a strange situation: Station KLEE had been sold and changed call letters three years earlier!

KPRC-TV, the successor to KLEE, agreed that the reception itself was technically possible, but informed the viewers that no card or slide bearing the call KLEE had been aired since that station had been sold in 1950.

## THE STRANGEST DX OF ALL TIME.....(continued)

Several irate viewers (how would you feel if told your DX station didn't exist?) took the story to British newsmen, who in turn contacted the BBC. There they were informed by a spokesman that for someone to have even attempted a hoax on such a grand scale would have involved the expenditure of well over \$100,000, and would have required knowledge which "transcended contemporary technology" as well as inaccessible equipment. Both American and British authorities ruled out any possibility of a hoax in the case, which by this time had attracted international attention.

As international officials muddled over a possible solution to the case, public interest gradually began to wane. Two years later, an "explanation" of the unusual incident was offered by the United States' "Project Ozma," which had been established in 1959 to detect unusual signals from space. An official from the project, in a public statement, made it clear to all the world that the incident was caused by nothing more than an unknown scientist perpetrating a hoax!

For obvious reasons, this "scientist" was never fully identified. Nor was he ever charged or brought to trial for such a flagrant violation of British broadcasting regulations. And it was never explained how he managed to blanket the British Isles from one station, which has never been and most likely never will be done.

Today, this mystery DX remains unsolved. Probably the best explanation of what might have happened was put forth by a BBC official at the conclusion of the official investigation:

"We are confronted in this instance with a set of circumstances which are at variance with accepted knowledge of television transmission. It is unthinkable that these signals could have been circling the earth for the time since that station last broadcast them. It is physically impossible that they could have been reflected to us by chance from any celestial body at such a vast distance. That leaves us with but one possibility, however bizarre, that these signals were transmitted to us purposefully and intelligently, from a source and for a purpose presently unknown."



JULY 1974

Deadlines:

10 July (18-21, PM SB)

10 August (22-25, TV SB)

10 September (26-29, 93 PM)

# STATISTICS

Editor:

Glenn Hauser

620 N. Husband

Stillwater OK 74074

## 92 MHZ FMDX RECORDS

MHz	Prop	Call	Location	Miles	Dxer, Location
92.0	Es	XEBJ-	Cd Victoria Tams	895	Glenn Hauser, Enid OK
92.1	Es	CKY-	Winnipeg Man	1435	Ron LeBlanc, Marrero LA
	Tr	WRLS	Hayward WI	790	Robert Cooper, Oklahoma City OK
	MS	WFNY	Racine WI	715	Robert Cooper, Oklahoma City OK
92.35	Es	CMBC-	Habana Cuba	1330	Glenn Hauser, Enid OK
92.3	Es	WDBO-	Orlando FL	1740	Fred McCormack, Des Lacs ND
	Tr	WDBO-	Orlando FL	1065	Glenn Hauser, Von Ormy TX
	MS	WCOV-	Montgomery AL	955	Shelby Remington, New Haven CT
	Au	WTTV-	Bloomington IN	520	John Ebeling, Bloomington MN
92.5	Es	WPAP	Panama City FL	1505	Fred McCormack, Des Lacs ND
	Tr	KYND	Pasadena TX	985	Russ Brown, Saint Joseph MI
	MS	WIFI	Philadelphia PA	1105	Richard Wood, Baton Rouge LA
	Au	CFQR-	Montréal PQ	680	Russ Brown, Saint Joseph MI
92.7	Es	WMEF	Stuart FL	1500	Bruce Elving, Adolph MN
	Tr	CKSO-	Sudbury Ont	610	Dennis Moe, Saint Ansgar IA
	MS	WDUX-	Waupaca WI	430	Peter Sawatzky, Waterloo Ont
92.9	Es	KFYR	Bismarck ND	1435	Waldo Bishop, Tallahassee FL
	Tr	WZGG	Atlanta GA	890	Glenn Hauser, Von Ormy TX
	MS	KITY-	San Antonio TX	1235	Carlton Howington, Uniontown OH
	Au	WVNY-	Burlington VT	855	Andy Bolin, Charleston IL

Here we begin another ascension up the UHF spectrum, taking four channels at a time...

## CHANNEL 14 TVDX RECORDS

Call	Location	Miles	Dxer, Location
KOSM	San Mateo CA	115	Robert Cooper, Placerville CA
WOOK-	Washington DC	190	Jerry Pulice, Staten Island NY
WAEW	Felham CA	880	Glenn Hauser, Von Ormy TX
WJYY	Jacksonville IL	610	Mark Lewis, Downsview Ont
WFIE-	Evansville IN	575	Robert Cooper, Oklahoma City OK
KMEG	Sioux City IA	1280	Chris Hall, Salem MA
WJZE	Worcester MA	435	Dennis Smith, Little Creek VA
WCMU-	Mt Pleasant MI	285	Robert Seybold, Dunkirk NY
WMAW	Meridian MS	725	Don Ruland, Kenosha WI
WMUB-	Oxford OH	400	Mark Lewis, Downsview Ont
		tie	Joel Rosenberg, Downsview Ont
KLPR-	Oklahoma City OK	70	Glenn Hauser, Enid OK
WEBA	Allendale SC	580	Steve West, Havertown PA

## CHANNEL 15 TVDX RECORDS

WOWL-	Florence AL	690	Robert Seybold, Dunkirk NY
KEBS-	San Diego CA	245	Jim Pizzi, Santa Maria CA
WDGO	Cochran GA	830	Robert Cooper, Oklahoma City OK
WEEN	Bloomington IL	285	Bill Draeb, Kewaunee WI
WICD-	Champaign IL	610	Robert Cooper, Oklahoma City OK
WANE-	Fort Wayne IN	765	Robert Cooper, Oklahoma City OK
WKPC	Louisville KY (IN)	650	Robert Cooper, Arcadia OK
KLNI	New Iberia LA	570	Glen Neal, Sayre OK
KPOB	Poplar Bluff MO	380	Robert Cooper, Arcadia OK
WHED	Hanover NH	365	Robert Seybold, Dunkirk NY
WIGA	Ashtabula OH	380	Bill Draeb, Kewaunee WI
WTAP-	Parkersburg WV (OH)	465	Bill Draeb, Kewaunee WI
WLYH	Lebanon PA	620	Bill Draeb, Kewaunee WI
KAMU-	College Station TX	370	Ron LeBlanc, Marrero LA
WHRO	Hampton VA	435	Russell Ashworth, Teaticket MA
WEBA	Roanoke VA	950	Robert Cooper, Arcadia OK
WMTV	Madison WI	675	Robert Cooper, Oklahoma City OK

Call signs given are those in use at the time of the record-setting reception.



## WANTED

More members like  
Paul D. Traska to  
clip and send in sta-  
tion logo designs!

## WANE-TV 15



# STATISTICS

KKOG- Ventura CA  
WUSF- Tampa FL  
WUSI- Olney IL  
WNDU- South Bend IN  
KEDD- Wichita KS  
WBCC- Salisbury MD  
WAPT- Jackson MS  
KUHI- Joplin MO  
WNEP- Watertown NY  
WQST- Dayton OH  
  
WKTR- Kettering OH  
WENS- Pittsburgh PA  
WQEX- Pittsburgh PA  
WNEP- Scranton PA  
KDSD- Pierre SD  
KEDT- Corpus Christi TX  
KVTV- Galveston TX

## CHANNEL 16 TVDX RECORDS

25 Dennis Smith, Santa Barbara CA  
490 Ron LeBlanc, Marrero LA  
665 Glen Neal, Sayre OK  
740 Robert Cooper, Oklahoma City OK  
995 Robert Seybold, Dunkirk NY  
355 Roy Barstow, Hyde Park MA  
865 Bill Draeb, Kewaunee WI  
875 Robert Seybold, Dunkirk NY  
570 Bill Draeb, Kewaunee WI  
370 Bill Draeb, Kewaunee WI  
tie Joel Rosenberg, Downsview Ont  
780 Robert Cooper, Oklahoma City OK  
60 John Parillo, Girard OH  
470 Bill Draeb, Kewaunee WI  
630 Bill Draeb, Kewaunee WI  
675 Robert Cooper, Arcadia OK  
530 Robert Cooper, Oklahoma City OK  
285 Ron LeBlanc, Marrero LA

JULY 1974



## CHANNEL 17 TVDX RECORDS

KRTV- Little Rock AR  
KLYD- Bakersfield CA  
WITV- Ft Lauderdale FL  
WJXS- Jacksonville FL  
WTCG- Atlanta GA  
WAND- Decatur IL  
WTVG- Rockford IL  
KGTV- Des Moines IA  
KTCI- Saint Paul MN  
WMAU- Bude MS  
KOBV- Columbia MO  
  
45 Jerry Don Burch, Hot Springs AR  
220 Randy Miltier, Campbell CA  
665 Clarence Rareside, New Orleans LA  
1025 Glenn Hauser, Von Ormy TX  
890 Glenn Hauser, Von Ormy TX  
560 Robert Cooper, Oklahoma City OK  
645 Robert Cooper, Oklahoma City OK  
290 Carl Lupton, Shelbyville IL  
710 Robert Seybold, Dunkirk NY  
920 Bill Draeb, Kewaunee WI  
725 Peter Gennuso, Dunkirk NY  
tie Robert Seybold, Dunkirk NY  
455 Don Ruland, Kenosha WI  
455 Dave Janowiak, Milwaukee WI  
285 Mark Lewis, Downsview Ont  
495 John Comstock, Crosswell MI  
405 Bill Draeb, Kewaunee WI  
105 Art Frieze, White Plains NY  
695 Bill Draeb, Kewaunee WI



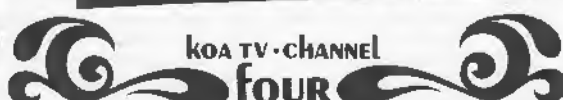
**went** Bangor Maine **7**

it's special...and it's on channel 12

**WSJS-12**



**KRGV-TV WESLACO**



Shelby Remington  
299 West Shepard Avenue  
Hamden, CT 06514

Don Ruland, Editor  
4448 68th Place  
Kenosha, WI 53140

Dear Don,

I am happy to inform you, and the club, that there has been arranged a special DX test for the Perseids meteor shower. Here are the details.

The station is WSHU (FM), 91.1 MHz, the station of Sacred Heart University in Fairfield, Connecticut. WSHU transmits with 1000 watts ERP, with a circularly polarized antenna at 620' AAT, from a tower located on Booth Hill Road in Trumbull, CT. They are strictly monaural and have an irregular programming schedule (i.e., they are rarely on late at night when the channel is clear).

The Perseids shower will peak this year on Mon-Tue August 12-13, and it runs from ca. 2330-1230 local standard time (overhead 0600). WSHU has agreed to test from 0215-0415 EDT on Monday morning, August 12.

The programming will, of course, consist primarily of IDs. There will be continuous music, mainly electronic synthesizer stuff, at a low modulation level underneath the announcing. Mention will be made of the W.T.F.D.A. and a quick description of the purposes of the test will occasionally be given (for local insomniacs).

To simplify verification, a two-digit number will be given at frequent intervals. This avoids the hassle of cross-checking precise ID times. However, DXers are invited to note all details heard, and the exact times, so that we can make an effort to match up meteors as heard in different locations. A simple way to do this, for those with stereo tape decks, is to continuously record the 91.1 channel on the left channel of the deck, while recording WWV or CHU on the right channel; this gives split-second accuracy when transcribing the tape for a reception report. Reports should be sent to me, and must include return postage. Veries will be signed by Marc Gunther, Program Director of WSHU, who by the way has been very cooperative in making arrangements for this test. Tapes of reception are very welcome and will be returned---format can be cassette or open-reel, any speed except 15/16 ips.

WSHU admittedly has moderate power...but they have been frequently heard via Es by midwestern DXers, and their tower is well clear of any obstacles for many miles. It probably goes without saying that DXers must have good antenna/feedline systems and tuners; meteor scatter is just not practical with a folded dipole and table radio.

Also, another Perseids item: WPKN (FM) 89.5 in Bridgeport will almost definitely be running a fund-raising Marathon all night during early August (they have some lofty plans for real-hi-fi stereo, complete with Dolby!). Marathons are almost as good as DX tests, since many IDs are given, plus other id-able info, such as phone numbers (203-334-2682 and 336-5364). WPKN has 2400 watts, and they are located on the same tower as WSHU (and WEEZ-99.9). So those who find 91.1 blocked by a local may be able to log WPKN instead. WPKN welcomes DX reports, and they should be sent to: Ray Terlaga, WPKN, 244 University Avenue, Bridgeport, CT 06602. Ray is himself a sometimes ms enthusiast.

Please be sure this information is published in the July VUD, so FM ms buffs will have enough warning. I was unofficially named Meteor Scatter Test co-ordinator awhile back, and this is hopefully the first in a series of ms tests. The success of this test will determine how much energy should be expended in setting up others. 73,

Shelby Remington

# FCC FM NEWS

Bruce F. Elving, Editor  
Box 24  
Adolph MN 55701

## New Construction Permits

GA Waynesboro 100.9 3000 h,v;300'  
LA Hammond \*90.9 10 S.E. LA U.  
ND Towson \*89.7 600; 400'  
MN Duluth 94.9 25000; 380'[KAON]  
MS Newton 106.3 3000; 158'  
MO Boonville 99.3 3000 h,v; 285'  
MO Joplin g 102.5 100000 h,v; 397'  
MT Kalispell 98.5 35000 h,v; 2720'  
NH Los Cruces 103.1 780 h,v; 111'  
OR Bend 94.1 50000 h,v; 1909'  
TX Brownwood 101.5 100000 h,v; 469'  
TX Commerce \*88.9 7100; 245' E. TX St. U.  
TX Fort Stockton 94.3 2950 h,v; 233'  
WI Burlington WBSO \*89.1 10

## On the Air and DX Ready

IL Rockford g WQFL 100.9 3000 h,v; 300'  
MN Redwood Falls KLGW-FM 97.7 3000; 300'  
MO Jefferson City KJMO 100.1 3000 h,v; 300'  
MO Springfield KSUU \*91.1 5800 h,v; 205'  
NC Farmville WRQR 94.3 3000 h,v; 300' x  
PA California WVCB \*91.9 10  
PA Pittsburgh WRET \*88.3 10  
NY \*WYEP-FM \*91.5 840 h,v; 519'  
TN Centerville WTKA 96.7 3000; 300'  
UT Cedar City KBRE-FM 94.9 25500 h,v; 160'  
WV Beckley WVPB \*91.7 10500 h,v; 920'  
WI Wisconsin Dells WMMO-FM 107.1 2500 h,v;  
320' Mutual Network affiliates. To make  
way for WMMO-FM, WOMP-FM Dodgeville WI is  
now 99.3 and WSMW-FM Plattville is now  
on 107.1, having traded frequencies,

## On the Air with Changed Facilities (Selected)

CA San Luis Obispo KCPH \*91.3 2000; 350'  
NY New Rochelle WVOX-FM 93.5 3000h,v; 145'

## Call Letters Assigned

AL Gadsden \*89.9 WEXP  
AL Mobile \*91.3 WHIL\*-FM\*  
AZ Sun City 106.3 KMAO  
AR Clarksville 92.7 KLYR-FM  
AR Dardanelle 102.3 KWKK (was KCAR-FM)  
AR Newport 105.5 KDKR (KNBY-FM)  
CA Crescent City \*90.1 KVAJ  
CO Pueblo 100.7 KOZA-FM  
GA Tifton 100.3 WCUP [in §; rock  
ID Twin Falls 96.5 KMTN. Heard testing/  
IL Chicago \*88.3 WZRD [in same city as  
WMPK \*88.3, probably not sharing time]  
IL Chicago 100.3 WL00 [W\*100\*?] (WFMF)  
IL River Grove \*88.3 WARC  
IA Boone 90.3 WMBG-FM  
IA Cedar Rapids 102.9 KICR (KOWC)  
KS Topeka 106.9 KIPK (KITG)  
MI Gaylord 108.7 WVRN (from WVRN\*-FM\*)  
MI Harrison 92.1 WKKM  
MS Bay Springs 93.5 WYLY (that, KCMO-FM)  
MO Kansas City 94.9 KCEZ (KFWB; before/  
102.1 KYYS [K\*eat] (WDAF-FM)  
NH Keene 103.7 WNGX\*-FM\* (WKNE-FM)  
NH Hobbs 95.7 KSCR (KLDG\*-FM\*)  
NY Geneva 101.7 WECQ  
NY Riverhead 103.9 WRCH-FM (from WRCH\*-  
FM\* [there is now a WRCH(AM)])

NC Durham 105.1 WDCG (WDNC-FM)  
NC Moyock 92.1 WJLY (\*Jolly\*)  
OH East Liverpool 104.3 WELA (WRIS)  
PA Beaver Falls 106.7 WRRS (WBVP-FM)  
SC Cayce 95.7 WZLD  
TX Abilene 100.7 KQRP  
UT Vernal 92.7 KVEL-FM  
WY Laramie 102.9 K10Z [K\*103\*?] (KORJ)

## Changes in Existing Stations

CA Oxnard KQAR 98.3 adds v  
CA Sonoma KROG 92.7 3000 h,v; 300' [255'  
FL New Port Richey WGLU-FM 105.5 3000 h,v/  
FL Panama City WPAF\*-FM\* 92.5 95000h,v;  
IN Carmel WHJE \*91.3 400; 100' [1230'/  
LA Baton Rouge WJBO-FM 102.5 100000 h,v;  
550'; MN Golden Valley KQRS-FM 92.5  
100000 h,v; 550'; ND Bethesda-Washington  
DC WJMO 94.7 17000h,v; 780' [450'  
MO Kansas City 103.3 KPVS-FM 100000 h,v/  
NY Reno KRND 106.9 60000h, 20000v; +460'  
NC Asheville WUNF\*-FM\* \*88.1 11000; 140'  
OH Bellevue WARR 92.1 1800 h,v; 150'  
OH Reading WRVJ \*89.3 2000; 135' [from 10]  
OR Kianath Falls KLDQ-FM 92.5 28000 (30')  
PA York WQXA 105.7 20500h, 17000v (720')  
SC Bankberg WRBB-FM 92.7 300' (3000 h,v)  
TX Lubbock KQHM \*91.1 180; 115' [from 10]

## Abbreviations Used in this Column

g=gospel; m=middle of the road; r=rock  
musical programming. §=stereo. h=horizontal;  
v=vertical effective radiated power  
in watts. 'height above average terrain.

## FM INDUSTRY NEWS AND READERS' COMMENTS

The U. S. Senate has passed the radio all-channel bill. By a vote of 44-42, the Senate on June 13 passed and sent on to the House the bill which would make FM receivability mandatory in all radios sold in the U. S. for more than \$15. Aimed mainly at car radios, the law would affect such expensive non-FM-incorporated sets as communications receivers. Passage in the House is uncertain, and I think Nixon would certainly veto such legislation with the Congress not having enough to override.

Let's skip lately, as most FM DXers probably know. From my listenings, I've noted stereo on WGM \*89.5 Norfolk, WTVR-FM 98.1 Richmond, WRQR 94.3 Farmville NC, WSEZ 93.1 Winston-Salem (still gospel), tentative on WMY-FM 93.5 Barboursville KY, and stereo on KUPD-FM 97.9 Tampa AZ. Previously-listed stereo stations heard broadcasting not in §: WCTA-FM 98.1 Andalusia AL, KSIX-FM 93.9 Corpus Christi TX, KBYI-FM 93.9 Fort Worth, with the latter writing and mentioning that they are not presently in stereo but may go § in the future. To go §: KCFI 95.3 Albert Lea MN. KPUP 97.7 Kingsville TX writes and says they have vertical polarisation, in addition to stereo. KLGW-FM 97.7 Redwood Falls MN §. Other changes: WWLA 93.3 LaCrosse WI goes rock from §; KWGD 96.7 Idabel OK §; Cleveland OH WMM (also sometimes known as WCAV; which is right!) 105.7 adds v; WPRO-FM 92.3 Providence RI goes §, while WBLI 92.9 Mobile AL has soul in §, National Black Network news. KPFM 107.9 Waterloo IA from § to §.

On June 7, KIPM 99.1 Santa Maria CA began testing. This station hasn't been on the air in over three years, is now owned by Hospitality Bestg. Co. (KZON-1600 kHz), to be §. The new Pismo Beach station on 95.3 expects to be on this fall with §. WMGX \*88.1 West Long Branch NJ is reported to be on the air with mainly rock music (10 watts). A pirate station was heard on §1.9 identifying as "WCCS" New York city, §, saying 100'; about 10 w.

A reporter in Guadalajara, Mexico claims that the call letters of 95.5 there are XERT, instead of XHRO; that 97.9 is XETIA-FM instead of XRTIA, that 96.3 XEJB-FM (in English: "Cultural Radio Broadcasters of the Government of the State of Jalisco") is §, and that KEAV-FM 100.3 is not §, contrary to previous reports. Some listeners try to get



July, 1974

Guadalupe FM 50 miles away at Lake Chapala; however, mountains near Chapala block just about all the FM signals from Guadalupe.

One reporter noted a few discrepancies among data in previous months' columns. In May he noted calls KRHD-FM assigned to a Duncan OK station, which was not given as a new construction permit earlier. KRHD-FM 102.3 will be 3000 h.v.; 159'. KERA-FM #90.1 Dallas was shown as changing from KZAG in April's VUD, while the FM Atlas shows them as KOPE; that's because they were changed from KOPE to KZAG and then to KERA-FM. Blythe CA 106.3 is given as K292AH, same call as Ketchum ID. So I checked the translators on 106.3 and find that K292AD should be Ketchum's call; Blythe keeps K292AH, while the calls of La Crosse MN-La Crosse WI on 106.3 remain a mystery. Perhaps they will have W- calls, because primary served city is La Crosse, even though 10 watts and transmitting from MN; I'll check with FCC on this. In MI, WLEW-FM 92.1 Bad Axe MI is mainly me, WGOH 99.7 Midland mixes me with its gospel programming.

KRSB 103.1 Roseburg OR temporarily off because the building their tower was on has been condemned! KBOI-FM has been sold, so this means plans will go ahead on upping power and height as authorized. KMTW 96.5 Twin Falls testing with rock in \$, while the Boise State U. student body has \$5,000 allocated to build a station, probably only 10 watts. Bend OR's c.p. for 94.1 (see "New Construction Permits") will transmit from Powell Butte, NE of town, and expected to program rock. KBOI-FM, of course, is in Boise ID (97.9).

After 5 long years WIGL 107.5 Miami went on the air in \$ (what kind of programming?). Excellent skip June 15 as far as W. Palm Beach, and I tried hard for WIGL on a clear frequency to check its programming (why else?), but skip or skip-trops would not stretch that far, even though MUF was over 108 mHz. WPMI 93.1 Miami no longer on mid.-6 a. m., and WAFG #90.3 Fort Lauderdale still off the air. WPAP-FM 92.5 Panama City FL now \$.

WYTE #91.5 New York last reported to be on the air until 9:30 p.m.; however, they probably went off for the summer around July 1. WECR #89.9 New York usually goes off in May to come back on in early June and remain on the rest of the year--an oddity. WPEZ 100.7 Allentown now has a better signal in their area; now with 12500 h.v.; 870'. They are normally on the air all night, 7 days/week, mainly with classical music.

WGBW #91.5 Green Bay WI is expected on the air soon; WRPN-FM #90.1 Ripon WI is \$, or so they expected to be by 1-1-74. WQTC-FM 102.3 Two Rivers WI, previously listed as \$, is not stereo. WOJO 105.1 Evanston reported to be programming mainly soul music; whether this is just an after-midnight phenomenon or a real format change remains a mystery until some Chicago-area DXer checks this out and sends a report. WNUZ 103.5 Detroit and WKJR-FM 101.7 g Muskegon Heights MI both have \$ now, and WQLR 106.5 Kalamazoo calls itself "clear." WFPA 102.3 Waukegan IL now country music; still no \$.

The format change to rock of WQXA 105.7 York PA has brought a deluge of complaints from country music lovers, while the AM daytimer, WQOW, keeps the country format. WUTB #90.1 Washington DC has added \$ along with its move from 750 to 15000 watts, and progressive rock to an area comparatively sparse in such programming. WSHD-FM 104.1 La Plata MD is mainly country music, signing off 10 p. m. Its proposed move to Oxon Hill MD is being opposed by WITB-FM 104.3 Baltimore on FCC spacing regulations. WYCR 98.5 York-Hanover PA now 24 hours \$. WGRA 105.9 Woodbridge-Alexandria VA now \$, simulcasting WPIK during the day, more free-form country at night, with a good signal to the south of the D. C., but poor to the north as WYTK 105.7 Catonsville MD interferes. In a recent VUD, an application for 92.7 in Lexington Park MD was mentioned. This is only 20 miles from WMJS Prince Frederick MD, so this could possibly mean a change in location for WMJS. Lex. Park has no FM but 3 AM stations; Calvert County where WMJS is has no other stations of any kind.

WFME 94.7 Newark NJ is now indeed \$, g. WHTV 94.7 Springfield MA now me. I believe I heard \$ on WKES 101.5 St. Petersburg FL, but not certain. WGLK #91.9 Atlanta is mainly jazz; WCRK-FM 105.5 Canton GA country; WAPI-FM 94.5 Birmingham AL rock; WOKI-FM Oak Ridge TN ("from the energy capital of the world") in rock, but signal is too weak in Atlanta for our reporter to tell if \$ or not. WFME 100.1 Forsyth GA is country; WPGA-FM 100.9 Perry GA is me, while WANS-FM 107.3 Anderson SC is \$.

WCPB-FM 104.3 Tarboro NC is country; WRAL-FM 101.5 Raleigh has "Hit Parade"; WYTD/96.1 ("wide") me. WRAL-FM's 67 khz subcarrier has background music. WSEL 106.5 Bridgeport NC now 24 hours rock (stereo yet?). WKFM 104.7 Fulton NY supposed to go \$, g. even advertising \$, but monophonic so far; 24 hours. WKEV 95.1 Bethlehem PA dropped power from 28/21 kw h.v. directional to 11 kw nondirectional h.v., and reports better coverage (they had to protect WRBS Baltimore). Further plans are to drop to less than 5000, 915'.

Reporters' names to be listed next month, so keep the reports coming. 73. B-ace



Summer is well upon us again. This may be just another ho-hum DX season. The skip witnessed here has not been exciting. Tropo seldom gets beyond 200 miles. Yours, truly, Mark Lewis, is in Toronto for the summer, while J.J. Rosenberg is in Calif. for some extra-curricular medical studies. Mail directed to Joel should be sent to the above address till late August. My (Toronto) address is listed above, and will hold true till Sept. 1st, when I'll return to my London, Ont. home. There are many TV&FM developments so here we go!

TV APPROVALS

Granbrook B.C. CBUT Pres. ch.65 1.1kw Auth.ch.59 .3kw  
Radium Hot Springs B.C. Pres. CBUT-5 ch.75 auth.ch.77  
Kapuskasing, Ontario.ch.10 .9kw (to re-xmt. CKSO-TV-2 Timmins)

FM APPROVALS

Clearwater B.C. CFFM-fm-2 Pres 22 watts exp. Auth. 2.2 watts!!  
Vancouver B.C. new: 102.7mhz. 3.717kw non-commercial community  
Halifax N.S. CHFX-Fm pres: 96.1mhz 19.5kw mono.  
auth.101.9mhz. 100kw \$, new ant site.  
Truro, N.S. CKCE-FM pres. 100.9 .36kw, to:11.5 kw,  
new antenna site.

TV APPLICATIONS

Calgary Alta. ch.9 178kw. dir.ant. CBC Eng.Net. O&O  
Chatham N.B. ch.12 137kw. dir.ant. to serve "northeastern NB."  
Campbellton N.B. ch. 7 1.8kw. dir.ant. to re-xmt prop.Ch.12 (saura)  
Bonaville Nfld. CJON-TV-1 pres:ch.10 .23kw. prop. 20.65kw.  
Chatham Ont. CBC FRENCH ch.48 13.7kw sat.of.prop.ch.40 London  
Kitchener Ont. CBC FRENCH ch.76 133 kw sat.of.CBLFT-25 Toronto  
London Ont. CBC FRENCH ch.40 11.8kw sat.of.prop.76 Kitchener  
Windsor Ont. CBC FRENCH ch.78 133 kw sat.of.prop.48 Chatham  
Oil Springs Ont CTV affil. ch.42 527 kw sat.of CKCO Kitchener  
this station would share tower with CKGN-29 Global  
Toronto Ont. CITY-TV ch.79 pres.64kw prop.186kw from 1805'  
CN-Tower. This would put all Toronto TV on CN.  
Radisson P.Q. CBC Anik Space Satellite. ch.8 .18 kw dir.

FM APPLICATIONS

Deer Lake Nfld. 97.9 mhz 15 watts!(looks like another flea-wat!)  
Radisson P.Q. 100.1 mhz 370watts.dir.(to rebroadcast CBC Fr.  
AM radio network)

ASSORTED NOTES

The Global TV network has some bad times lately. In March, financial disaster resulted in a takeover of the fledgling network by new management. The economic situation was so bad that creditors held a meeting in early June to approve a motion to pay them 25 cents on each dollar owed to them by Global/ or full payment over 9 years. The new Global management has cut back drastically on hours of operation of the network, plus the amount and expense of Canadian-produced programming. The affair, however, the future of Global-TV is good. I am still a little skeptical. Sign-on is around 5:30 pm EDT daily, and 4:30pm weekends. Colour-bars with programme sched. is keyed before programming. Global leaves the air around 00 hrs. EDT....CKWR-fm 98.7mhz Kitchener is on the air approx. 1600 EDT to 6:00 EDT daily. Their 202 watt signal gets out quite well, I've observed.

Target Dates: CFVO-TV ch.30 Hull P.Q. aims for Sept.1st 1974.  
 CITY-TV ch. 7(application for ch.13 pending) is  
 also due on Sept.1st 1974 inden. Edmonton Alta.  
 Rumour Deot: Those new CRTC regulations to change FM Radio  
 in Canada are now long overdue. Late word says they will be  
 out by summer's end. But then, the CRTC White Paper on campus  
 broadcasting was due 4 years ago, or was it 5? This month's  
 power increase applics. do indeed indicate increased interest  
 in FM. By latest survey CKFM-99.9mhz. lists more listeners in  
 the 25-34 age group than ANY AM or FM station in Canada. All  
 the Toronto FM stations rate highly in the Toronto scramble.  
 FM set penetration now stands at about 80% of households, and  
 most stations are making a profit. The automation trend also  
 appears to be declining, with more "live" fm radio, all over  
 Canada. A REMINDER: CITY-TV ch.79 Toronto seldom turns their  
 xmtr. off! They send out a green "thing" with yellow cross-  
 hatches....I've never seen a similar pattern....this goes out  
 all night long. Thus if you suspect tropo or ducting say, at  
 4 or 5 am, tune to ch.79, CITY MIGHT BE THERE!

Hopefully time and \$\$\$ will allow me to get to Topeka.

73's till next time.

*mark*

### FM DX-Vacation Style

During the summer months a lot of DXers take vacations and along with them goes portable-battery TVs and FM receivers. Why not try some mountain-top DXing? Here are some "choice" DX spots:

- NC Grandfather Mountain..over 5,280 ft. elevation.provides DX into SC.
  - NY Whiteface Mountain..4,867 ft. elevation..should give over 200mi.
  - NY KOA Campground(Near Gilboa) is located on a mountaintop of about 2200 ft. gives TV reception of Jthica,Plattsburgh,New Haven with whip.
  - Va Reddish Knob (25mi NW of Staunton) 4,398 ft. elevation. Gives excellent TV reception of 150mi at 3500 ft. paved road. campgrounds nearby. motels near Staunton.
  - Afton Mountain-1900 ft. motel is on top. excellent for E. Va. DX. highest mt. close by. on I-64 near Waynesboro.
  - VT Big Equinox 3,816 ft. has motel on top. should be excellent DX.
- DX tips from Greg Kelley-Staunton,Va.

## THE DX AWAITS!

# EASTERN TVDX

Bill Thompson  
1907 Seneca Street  
Buffalo, NY 14210

July 1974

Deadline: 10th

Lots to report this month. It looks like the regular Rs season got off to a wild start for most DXers. As usual, activity started in the South and soon spread further North by about one week later. For Florida DXers, E-skip started to pick up about May 21, and by May 28, everyone from Quebec to south Florida was in on the Rs action. In fact, the period May 28-June 5 saw almost daily openings, and as Bob Seybold notes, they were predominantly over North-South paths. The early part of the Summer skip was rather devoid of long periods of high MUFs, in contrast to other years. This soon changed, however, and June 11th and 15th should turn out to have been quite productive for FM DXers and those needing new loggings on ch 6. Trope hasn't been very spectacular so far, with the exception of Florida. John Combs in Orlando saw east Texas and south Louisiana in the early hours of May 4, reporting highband VHF and UHF in the 500+ to 850 mile range. Ken Simon had so many long haul trope loggings outside of Florida this month that it was necessary to edit his very frequent relogs of high VHF and UHF stats as far away as northern Florida. Similarly, as this column grows to its traditional Summer size, you may notice more editing of your closer trope catches, and in some cases the three-column format will be used for longer reports, lest the VUD take on the appearance of your local telephone directory! Large columns notwithstanding, I'd like to hear from more of you. Don't feel put off by the longer reports and high log totals of some of the regular reporters; anything you can contribute is welcome! This is your club and your column; how about sending in a report soon?

Bob Seybold Bennett Road Dunkirk, New York (EDT)

"Except for a couple unexpected April skip openings, E-skip was rather late opening here but has been quite consistent since May 28."

APR 11

16 Rs \*rather strong opening to Florida and southeast U.S.—Cubans on 2 & 6, plus most low band Florida stations. also JSAV-3 WTVV-4 & others.\*

25 Re "strong opening—channels 2-6 and FM good too—best to southeast U.S again." WTHS-2 WBSH-2 WDIQ-2 WEDU-3 WEAR-3 WTVJ-4 WCTV-6 WUFT-5 WFTV-5 WDBO-6 WJXT-4 WBRZ-2 KATC-3 KTHS-3 WKRG-5 & others"

May "Rather dry spell except for tropics till May 25--small skip opening that day, mostly scattered unIDs."

25

25 Tr "good-all Detroit, Toledo U's," WBGU-57 CKGN-22 (both) CKGN-29  
WKAR-23 WEYI-25 WNDU-16 WSBT-22 WSJV-28 WATR-15 WPTA-21 WLJG-33  
WUHD-41 CITY-79 (above average)

26-27 Tr "troops above average--hills DK (first of season)" WANE-15 WNDU-16  
WTVB-17 WJAN-17 WLPT-18 WUCM-19 WXON-20 WUTR-20 WPTA-21 WSBT-22  
CKGN-22's on" WKEP-22 WEAR-23 WDHO-24 WEYI-25 CKGN-26  
WGTE-30 WFIL-32 WEJG-33 WOSU-34 WHIT-34 "excellent, taped and photo"  
WLIO-35 WHUQ-44 WUCM-44 WNEO-45 WEED-50 WTVS-56 WBGU-57, "all Soran-  
ton. Birmingham. Elmira U's" WBSA-43 "and 5 WUPD-17 translators"

28 Ps "3-skip opened in AM-Florida, then spread across southern edge into Texas--about three hours." WTBS-2 WESH-2 WEDU-3 "and all Miami, Orlando, Jacksonville, Palm Beach stations (channels 2-6) also Cuba then." WRZ-2 KATC-3 WWL-4 WDSU-6 KALB-5 KTBS-3 KPDJ-3 KPRC-2 "then opening in early evening--same areas especially Florida"

29 Es 1000-1300 "Florida again--then:" KATC-3 WERE-2 WDSU-6 KALB-5 KQEW-6  
KBDX-3 KAUZ-6 /BAP-5 KTEW-2 FOTV-6 FTAL-6 KPRC-2 "and others"  
"then evening opening--Florida again--then to northeast:" GHHN-3  
GHCN-2 CJCH-4 CJCH-5

Tr "evening troops to north--Canada U's excellent 22,25,19,29 & 79, also  
VHF:" CK30-3 (CK302-3 Timmins? -bt) CPCE-10 "also North Bay on chan-  
nel 4 (Boh, CHH-10 is now CINT, North Bay channel 4 would be CHNB-b  
and CBPST-7 Sturgeon Falls, Ontario:" CTV-9

30 Re "another opening to Florida, then into Louisiana, Arkansas, Texas  
such as:" WBRZ-2 KATC-3 "and general run across southlands"

31 Es 1000-1230, then 1430-1600 KBTX-3 KATC-3 KHRZ-2 PHS-2 YDU-3 WAP-5  
WVAY-3 WUND-2 WGBD-2 WBTX-3 WRAI-5 WCSC-5 WKAQ-2 WECT-6 "4 others"

June

Es "some spells of Es--all unneeded & short-lived"

Bob Seybold (continued)

June

2 Es WMAB-2 WEDU-3 WRAL-5 WGBI-4 \*A others unneeded\*

Tr "evening—" CKGN-29 CKGN-22 (both) "Detroit &amp; Toledo U's"

\*Final Note—None new this report--totals stand at 639. Odd part of skip to date—all to south, especially SE; one to north—none to west (Nebraska, Dakotas, etc.) Fairly good tropes lately. Expect to attend convention."

Greg Kelley 108 Archer Street Staunton, Virginia 24401 (EDT)

"This DX report comes from my Roanoke 'DX Shack'...elevation is 1000', but with mountains close-by in every direction...receiver is a 23" RCA Color Vista 1972 model and the antenna is a VHF/UHF 13-element yagi at 20' using a Channel Master rotor...locals are 7,10,15,27 with semilocal WLVA-13 at 50 miles. There are translators on 2,4,5,6,7...channels 8,9 suffer from QRM when channels 7,10 on...channel 6 suffers from a little FM QRM.

Ch 27 Roanoke (WRFT-TV) has been off the air since May 1...everyone either quit or was fired. On evenings of May 28,29,30 "it" has been on, relaying WRAL-5 Raleigh NC with excellent signal, and giving ID as Raleigh. The owner of ch 27 says the doors were locked and no one was at the controls ...says remote control station cut itself on. Paper calls it "Ghost of Poor Mountain." On with the DXing..."

(at Staunton, Virginia)

20 Tr 1020 WFTD-11 Durham NC (90)

1036 WBTB-3 Charlotte NC (135)

26 Tr 0830 WHRO-15 Hampton VA 1215R 21 0758 WCVB-26 Richmond VA

27 0845 WYAH-27 Portsmouth 2335R 0800 WYAH-27 Portsmouth (180)

2325 WHRO-15 Hampton 1215R 0802 WCVW-57 Richmond VA

28 0735 UNID-16 WQEX Pittsburgh? Es 1125 CKMJ-3 Holguin CUBA (950)

1128 WFTS-2 Miami FL (750)

1132 WEDU-3 Tampa FL (620)

1500 WEDU-3 Tampa FL

1505 CKMJ-3 Holguin CUBA (750)

1130 KFDX-3 Wichita Falls TX

2100 WEDU-3 Tampa FL

2800 KARD-3 Wichita KS (980)

30 1030 KATC-3 Lafayette LA (790)

1125 KIII-3 Corpus C TX (1130)

1127 KFDX-3 Wichita Falls (990)

1130 KTBS-3 Shreveport LA (800)

1132 CKMJ-3 Holguin CUBA (950)

June

1 Es 2200 KTBS-3 Shreveport LA

2 Tr 0713 WGHF-8 High Point NC

0830 WTVY-2 Greensboro NC

0830 WSOC-9 Charlotte NC

0950 WRDU-28 Durham NC (90)

2300 WURU-26 Winston-Salem NC

20 0930 WTC-4 Chapel Hill NC (100)

0935 WRAL-5 Raleigh NC (120)

0937 BTV-12 Richmond VA (125)

0940 WTVR-6 Richmond VA

1015 WTVY-2 Greensboro NC

2330 WTVY-3 Merida Yuc (1395)

Following reported out of sequence:

May

28 Es 2230 CEPT-2 Montreal PQ (600)

2235 CJRR-3 Rimouski PQ (850)

29 1130 KQTV-2 St Joseph MD (740)

1145 WEDU-3 Tampa FL (620)

2330 WTVY-3 Merida Yuc (1395)

7 Tr 1630 WBBN-4 Buffalo NY N175

2030 CJOH-6 Deseronto Ont R115

2030 CBOT-4 Ottawa Ont R155

2030 CJOH-13 Ottawa Ont R155

8 0010 CBOT-9 Ottawa Ont R155

1030 CBOT-6 Montreal PQ R180

Es 1100 WTVY-4 Dothan AL R995

June

4 Tr 0155 CBOT-4 Ottawa Ont R155

0155 CJOH-13 Ottawa T155

Jim Alexander 8 Court Knolls New Hartford, New York 13413 (EDT)

May

16 Tr 2030 CJOH-6 Deseronto Ont R115

21 1200 CJOH-6 Deseronto R115

1200 CJOH-8 Cornwall Ont R140

1200 CJOH-13 Ottawa Ont R155

1200 CBOT-4 Ottawa Ont R155

Es 1700 UNID-4 "XUF into FL"

28 1900 WWAY-3 Wilmington NC R645

29 0130-0200 UNID-4 "TIF ch 4"

31 1600 WTVY-4 Dothan AL N995

June

4 Tr 0155 CBOT-4 Ottawa Ont R155

0155 CJOH-13 Ottawa T155



David J. Egan 12A Andrew Valleyfield, Quebec J6S 3K2 (BDT)

May	June
21 Tr 1249 "U's 16,17,20,21,24,29,34, 40 (NY state) all good"	28 Es 2329 WJXT-4 Jacksonville R1100
Es 1729 WTVY-4 Dothan AL R1145	2339 WAGA-5 Atlanta GA R0955
1731 WRBL-3 Columbus GA T1135	2420 WCBD-2 Charleston SC R0910
Tr 2200 WSRB-35 Erie PA R0370	1130 WEDU-3 Tampa FL R1270
2200 WSKG-46 Binghamton T0240	2130 KGLD-3 Mason City IA T0970
An 2343 "strong to NE on 2,3,4,9"	2142 WOI-5 Ames IA T1015
22 Tr 2408 CBOV-5 Pembroke Ont R0165	2229 CBWT2-4 Lac du Bonnet Man N
0125 CBFT2-11 Mont Tremblant PQ	2232 CBFT-3 Winnipeg Man R1120
An 1620 "at peak, blanking out ch 3, strong thru ch 10"	2341 CJAY-4 Brandon Man N1240
28 Es 1859 WCIV-4 Charleston SC R0910	2345 CKX-5 Brandon Man R1240
1900 WWAY-3 Wilmington NC R0790	2327 CKCK-2 Regina Sask N1430
1930 WJXT-4 Jacksonville R1100	An 2349 "to NE, ch 2,3,4,5,6 killed Es"
2236 WFLY-2 Greensboro NC R0695	30 Es 0130 WJXT-4 Jacksonville R1100
2302 WCSC-5 Charleston SC R0910	0208 WDAF-4 Kansas City R1115
2309 WSAV-3 Savannah GA R0975	1908 WEDU-3 Tampa FL R1270
2314 WRBL-3 Columbus GA R1135	1929 WTHS or WPBT-2 Miami
2321 WSB-2 Atlanta GA R0955	31 Tr 0225 WNAC-7 Boston MA R0250
2324 WFBC-4 Greenville SC R0845	0227 WBZ-4 Boston R0250
	0230 WCVB-5 Boston R0250

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (BDT)

May	June
11 Tr Excretion brought excellent conditions to North; CEGN-22 (Uxbridge) at local strength, CMTF-79 Toronto was VAFI4555 @ 2130; strongest ever seen.	2 Es 1159 WRBL-3 Columbus GA N
13 Es 2320 KLNH-37 PBS Auction	1229 WRAR-3 Pensacola FL(AL) N
2332 KMTV-3 Omaha NE	0230 CKCK-2 Regina Sask
17 Tr 2300 UHF to 200 mi W & SW	Tr 2300 Cleveland & Youngstown U's
2300 WPSX-3 Clearfield PA	0102 WJAN-17 Canton OH N
2326 WJAC-6 Johnstown PA	5 Es 1958 WRAR-3 Pensacola FL(AL) N
2329 WSTV-9 Stauntonville OH	2030 KATC-3 Lafayette LA
2330 WWSB-10 Columbus OH	2056 KALB-5 Alexandria LA
2330 WVIC-11 Pittsburgh PA	2123 WDSU-6 New Orleans LA N
2330 WQHD-13 Pittsburgh w/auction.	2130 WREC-3 Memphis TN
18 0100 Youngstown & Akron U's	2330 KLNH-3 Lexington NE
0130 WDMU-22 Scranton PA	2330 KTVB-3 Sterling CO T
0130 WBRU-26 WilkesBarre PA	1229 WEDU-3 Tampa FL
0200 WTRF-7 Wheeling WV(OH)	1700 installed phasing system
28 Es 1930 WESH-2 Daytona Beach FL	1200 WTVT-3 Springfield MO
29 1040 WLBT-3 Jackson MS	1227 KMOX-4 St Louis? T
1040 WCHI-4 Columbus MS	1228 WSLI-3 Harrisburg IL N
1105 KATC-3 Lafayette LA	1228 KSD-5 St Louis MO N
1129 KALB-5 Alexandria LA	1229 KLOS-6 Sedalia MO N
1200 KPDH-6 Beaumont TX	1300 KTVI-2 St Louis over WGR
1230 KTBG-3 Shreveport LA	1301 KARD-3 Wichita KS (KSN nx)
1233 KBTX-3 Bryan TX	1305 KCMO-5 Kansas City (nx) N
1255 KCBN-6 Temple TX	1330 KFSM-5 Ft Smith AR
1307 KENS-5 San Antonio TX	1928 WUFT-5 Gainesville FL
1800 WEDU-3 Tampa FL	1928 WDBO-6 Orlando FL T
2000 CBET-3 Halifax NS	1928 WEDU-3 Tampa FL
30 1305 KATC-3 Lafayette LA	2000 WKRG-5 Mobile AL
1056 WEDU-3 Tampa FL	1200 WRAP-5 Ft Worth TX
1126 WRAR-3 Pensacola FL	1240 KFSM-5 Ft Smith AR
1947 unID-6 CUBA	1300 KAUZ-6 Wichita Falls TX N
1955 unID-3 Cuban "Telerebelde"	1330 KOTV-6 Tulsa OK
1958 WCLX-6 Miami FL	1357 WDSU-6 New Orleans LA
31 0958 WEDU-3 Tampa FL	1400 WKRG-5 Mobile AL
1005 KATC-3 Lafayette LA	1400 KARD-3 Wichita KS
1559 WUFT-5 Gainesville FL	1415 KCMO-5 Kansas City MO
1600 WPTV-5 W Palm Beach FL	1459 WALB-5 Alexandria LA
	1500 WLBT-3 Jackson MS
	1530 WREC-3 Memphis TN
	1540 KTBG-3 Shreveport LA T
	1545 KETS-2 Conway? PB's T

Phasing system really helps kill local ch 2, but have only seen relogs with it so far. Hope to have it set up for ch 4 during next big opening. I'm swamped with unIDs; does anyone want to swap TV GUIDES?

John Combs 816 W. Harvard Orlando, Florida 32804 (EDT)

"...DX has been great here...42 new stations were added during May and on today, June 1...several outstanding tropo sessions and some good Es...13 newbies logged in the Tr last night and this morning...didn't realize how much I had been missing by not having UHF--I usually concentrate on it during strong Tr because 2-13 gets clogged so quickly...Fair-to-middling MS, but no new ones..."

May

1 Tr 0648 WERA-14 SC  
0656 WCWB-41 GA  
Macon (325)  
0701 WYEA-38 GA  
2121 WABW-14 GA  
2201 WBAR-3 FL(GA)  
2 0528 WERC-6 AL  
Birmingham (475)  
0614 WIAZ-13 GA  
0616 WTCG-17 GA  
Atlanta (405)  
0618 WXIA-11 GA  
0620 WRDW-12 GA(SC)  
0622 WRBL-3 GA(AL)  
0630 WYEA-38 GA  
0647 WERA-14 SC  
0650 WCWB-41 GA  
0653 WNOK-19 SC  
0653 WOIO-25 SC  
0659 WRLL-35 SC  
3 2250 WABW-14 GA  
2311 WNL-4 LA  
2316 WDMN-18 AL  
Dothan (305)  
2330 WYBS-12 LA  
New Orleans (535)  
4 0003 WBAR-3 FL(AL)  
0020 KURT-8 TX  
Houston (850)  
0032 KYRL-26 TX  
Houston (850)  
0053 KHTV-39 TX  
Houston (850)  
0123 KHOU-11 TX  
Houston (850)  
0154 WDSU-6 LA  
New Orleans (535)  
0204 KINI-15 LA  
Lafayette (665)  
0216 WVUE-8 LA  
0223 KPLC-7 LA  
L. Charles (725)  
0817 WYEA-38 GA  
0952 WABW-14 GA  
0953 WFSU-11 FL  
5 Es 1036 unID-4 Mexico  
7 Tr 2034 WVAN-9 GA  
"under WFTV"  
8 MS 0537 WJBK-2 MI T  
Tr 0957 WXIA-11 GA  
0601 WTCG-17 GA  
0604 WYEA-38 GA  
0619 WIAZ-13 GA  
9 MS 0553 WLWD-2 OH  
10 "At Tallahassee FL:"  
Tr 0735 WLXC-13 MS  
Biloxi (275) "via  
CATV when WDTB off  
--never seen in Or-  
lando, but not  
countable"

10 "Back at Orlando"  
Tr 2026 WUNJ-39 NC  
Wilmington (465)  
2102 WKID-51 FL  
Ft Lauderdale (180)  
2128 WJPM-33 SC  
2158 WBTW-13 SC  
2159 WERA-14 SC  
0722 WERA-14 SC  
0722 WNOK-19 SC  
0722 WOIO-25 SC  
0723 WNTV-29 SC  
0723 WJPM-33 SC  
0723 WRLL-35 SC  
0724 WWAY-3 NC  
Wilmington (465)  
0725 WIS-10 SC  
0726 WRET-36 NC  
Charlotte (475)  
0728 WRDU-28 NC  
Durham (545)  
0732 WATU-26 GA  
Augusta (345)  
0736 WCCB-18 NC  
Charlotte (475)  
0738 WYEA-38 GA  
0739 WFTV-30 GA  
Atlanta (405)  
0742 WBTW-13 SC  
0758 WTCG-17 GA  
"under WJWS"  
0801 WSAV-3 GA  
2021 WVAN-9 GA  
"bombing WFTV"  
14 MS 0535 WFTV-30 PA  
Tr 0557 WXIA-11 GA  
0611 WTCG-17 GA  
Es 2000 WYAB-4 TX  
2028 FBTV-3 TX  
2058 KONO-4 TX  
2125 WOAI-4 TX  
15 MS 0537 WFTV-3 PA  
Tr 0631 WRBL-3 GA  
0647 WTVX-34 FL  
18 0940 WFSU-11 FL  
2328 WERA-14 SC  
20 MS 0550 WLWD-2 OH  
Tr 0620 WRD7-12 GA(SC)  
0620 WIAZ-13 GA  
0646 WERA-14 SC  
0647 WYEA-38 GA  
0647 WYEA-38 GA  
0650 WSAV-3 GA  
0625 WRBL-3 GA(AL)  
21 0528 WFTV-6 PA  
22 MS 0557 WLWD-2 OH  
Es 1445 WFTV-4 IN  
Bloomington (880)  
1446 WKZO-3 MI  
1512 WBBM-2 IL  
Chicago (1095)

25 Es 0900 WKAQ-2 PR  
0932 KLIIT-3 TX  
0942 KGBT-4 TX  
1147 WAPA-4 PR  
1228 KFTB-3 NL  
1315 KPRC-2 TX  
1341 KRGV-5 TX T  
1354 WOAI-4 TX  
26 Tr 0900 "Florida  
V's & U's to 200  
mi. in strong"  
0906 WATU-26 GA  
0906 WTVX-34 FL  
Es 1902 KFTB-3 NL  
1912 KGBT-4 TX  
27 MS 0537 WFTV-6 PA  
0548 KYW-3 PA  
28 Es 1848 WPCB-4 PQ  
Quebec City (1420)  
29 1908 WKY-4 OK  
1910 KYTV-3 MO  
Springfield (920)  
1913 WKYC-3 OH  
Cleveland (910)  
1922 KARD-3 KS  
1930 KTVI-4 IA  
Sioux City (1295)  
1956 KDFW-4 TX  
2000 KTEW-2 OK  
2029 KIII-3 TX  
2130 KFTV-3 TX  
1430 KTVI-3 IA(MO)  
1527 KETS-2 AR T  
1559 CKCO-2 Ont  
1844 KPRC-2 TX  
1901 WSYR-3 NY  
Syracuse (1075)  
1929 WYAB-4 PA  
1932 CKCO-2 Ont  
1952 WBBN-4 NY  
Buffalo (1025)  
1959 WPSX-3 PA  
Clearfield (920)  
1942 CKVR-3 Ont  
2049 KFDX-3 TX  
31 Tr 0642 WTCG-17 GA  
0643 WYEA-38 GA  
0646 WERA-14 SC  
Es 1459 CBOT-4 Ont(PQ)  
1553 CKVR-3 Ont  
1615 CKCO-2 Ont  
Tr 2225 WBAR-3 FL(AL)  
2226 WFSU-11 FL  
2242 WNL-4 LA  
2302 WYAH-19 MS  
Biloxi (480)  
2316 KINI-15 LA  
2319 WALA-10 AL  
2336 WDFN-18 AL  
2345 WBBT-33 LA  
Baton Rouge (605)

## John Combs (continued)

31 Tr 2346 WGIQ-43 AL 1 Tr 0035 WGHQ-26 LA  
 Louisville New Orleans  
 2348 WAIQ-26 AL 0137 WDSU-6 LA  
 Montgomery (390) 0757 WRTV-30 GA  
 2350 WKAB-32 AL 0757 WKAB-32 AL  
 Montgomery (390) 0758 WYFA-38 GA  
 2359 WHEI-42 AL 0758 WCWB-41 GA  
 Mobile (425) 0759 WDEH-18 AL  
 0759 WCOV-20 AL  
 0800 WEMA-40 AL  
 Anniston (445)  
 0802 WHAB-46 GA  
 0813 WTCG-17 GA

1 Tr 0815 WDCO-15 GA  
 Cochran  
 0816 WACS-25 GA  
 Dawson  
 0818 WJSP-28 GA  
 WarmSprings (340)  
 0819 WATU-26 GA  
 0825 WABW-14 GA  
 0846 WGIQ-43 AL  
 0846 WAIQ-26 AL  
 0850 WHNT-19 AL  
 Huntsville  
 0901 WXIA-11 GA

## June

1 Tr 0005 WSFA-12 AL  
 0032 WCOV-20 AL  
 Montgomery (390)  
 0033 WVUE-8 LA

Also, frequent relogs of WJHG-7 & WDTB-13 Panama City FL (275), WALE-10 Albany GA (280), and WTOG-11 Savannah GA (245).

## Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EDT)

ZFHQ-6 on ch 11 makes country #12...saw WFSB-3 new call and one of the GLOBAL 6's...good trope and some really FINE Es..."

## May

1 Rs 1930 KPRC-2 Houston TX R0830  
 2153 KBTX-3 Bryan TX R0960  
 2200 KIII-3 Corpus C T  
 2 Tr 0705 WJCL-22 Savannah GA T0390  
 3 0720 WJHG-7 Panama City T0400  
 0730 ICR-6 Havana CUBA R0305  
 4 0740 WJCL-22 Savannah GA R0390  
 0800 WCUB-20 Gainesville R0245  
 5 Es 0955 YSR-2 EL SALVADOR R  
 0955 YETC-2 Managua NICARAGUA  
 1015 unID-4 MEXICO  
 1111 unID-2 "/4"  
 1130 WKAQ-2 San Juan PR R  
 9 1615 unID-2 2,3,4  
 Tr 2317 WSAV-3 Savannah GA T0390  
 10 0625 WQSC-5 Charleston SC N0440  
 1815 ICR6-9 Matanzas CUBA R  
 1815 ICR6-3 Santa Clara CUBA R  
 1815 ICR7-8 Santa Clara  
 1920 ICR2-13 Matanzas CUBA R  
 1920 WTOG-11 Savannah GA R0390  
 1953 WJCL-22 Savannah GA R0390  
 2019 WYAN-9 Savannah GA R0390  
 11 MS 0615 WLWD-2 Dayton OH R0950  
 Tr 0638 WOLO-25 Columbia SC R0550  
 0658 WJCL-22 Savannah GA R0390  
 0720 WBEA-14 Allendale SC R0480  
 0720 WNTV-29 Greenville R0580  
 0732 WATU-26 Augusta GA N0490  
 1000 WYAN-9 Savannah GA R0390  
 15 2000 WUSF-16 Tampa FL R0170  
 21 Es 2156 KPRC-2 Houston TX R0975  
 2156 KATC-3 Lafayette LA R0760  
 2156 KBTX-3 Bryan TX R0960  
 2156 KJAC-4 Port Arthur R0840  
 2230 WBRZ-2 Baton Rouge R0720  
 22 Tr 2200 WATU-26 Augusta GA R0490  
 Es 2211 TGV-3 GUATEMALA R  
 Tr 2230 WYAN-9 2233 WTOG-11 GA R  
 2315 WBEA-14 Allendale SC R  
 2324 WJBF-6 Augusta GA N0490  
 23 0030 WIS-10 Columbia SC N0550  
 0130 WSFA-12 Montgomery AL N  
 2045 ICR6-3 Santa Clara CUBA R  
 2200 ICR2-8 Santa Clara R  
 2200 ICR6-9 Matanzas CUBA R

25 Es 0946 KIII-3, KRIS-6 TX R1040  
 1000 KGHT-4 Harlingen TX R1080  
 1330 KATC-3 Lafayette LA R0760  
 1400 KPRC-2 Houston TX R0975  
 1400 WLWD-2 Dayton OH R0950  
 1400 KTBS-3 Shreveport R0920  
 1407 KDFW-4 Dallas TX R1040  
 26 Tr 0735 WTOG-11 Savannah GA R0390  
 Es 2030 KIII-3 Corpus Christi R  
 28 1554 WBRZ-2 Baton Rouge R0720  
 1554 KATC-3 Lafayette LA R0760  
 1651 KARK-4 Little Rock AR T  
 1700 WWL-4 New Orleans LA T  
 1729 KETS-2 Conway AR R0900  
 29 1922 GKCO-2 Warton Ont R1280  
 1922 WKYC-3 Cleveland OH R1040  
 2030 KTEW-2 Tulsa OK R1160  
 2030 KFDX-3 Wichita Falls R1180  
 2100 KIII-3 Corpus Christi R  
 2121 KPRC-2 Houston TX R0975  
 2121 WSYR-3 Syracuse NY R1190  
 2300 WBRZ-2 Baton Rouge R0720  
 2310 KCEN-6 Temple TX N  
 2331 KFDX-3 Wichita Falls TX T  
 2331 KIII-3 Corpus Christi R  
 30 1630 KPRC-2 Houston TX R0975  
 1630 TGV-3 Guatemala City R  
 1651 KGHT-4 Harlingen TX R1080  
 1651 KED-4 Tampico MEXICO R  
 1926 WMAR-2 Baltimore MD T0920  
 1930 KYW-3, WPVI-6 Philadelphia  
 1930 WFSB-3 Hartford CT R1180  
 2000 KGN??-6 "GLOBAL NET" N  
 2300 WKYC-3 Cleveland OH R1040  
 31 1600 GJOH-6 Deseronto Ont N

## June

1 Es 0956 KTEW-2 Tulsa OK R1160  
 1157 KPRC-2 Houston TX R0975  
 2200 KDKA-2 Pittsburgh R0960  
 2200 WFSX-3 Clearfield PA R1020  
 2 0956 WKAQ-2 San Juan PR R1000  
 1002 ICR6-2 Santiago de CUBA N  
 1010 WKY-4 Oklahoma City R1160  
 1014 KDFW-4 Dallas TX R1040  
 1100 WGR-2 Buffalo NY R1100  
 1130 WOC-6 Davenport IA R1040  
 1150 ZFHQ-6-11 GRAND BAHAMA IS.

Ken notes that ZFHQ6-11 rebroadcasts WTVJ-4 & WPTV-5, and it's not your typical repeater either: "1 kw xmtr in tethered aerostat over High Rock, GRAND BAHAMA ISLAND"...nice catch, Ken!

# WESTERN TV DX

July 1974

Dennis Park Smith  
2237 1/2 Cares Avenue  
Chicago, California 95926  
Telephone 916 343-9424  
Deadlines: 5 Jul, 7 Aug

A reminder to this column's readers: The WTFDA Convention for 1974 is at a location further west than ever before, in Topeka, Kansas, on 2-4 August. Though not sure at the moment, I hope to get to it myself, travelling direct to Kansas by Santa Fe/Amtrak train from Los Angeles. More details should be elsewhere in this issue, or write to Dave Pomeroy (address with his DX report).

Almost all significant DX this time was by Es. Though even here, with many active days in May (and a mid-month slump), not quite as much was into the FM band as might have been expected. As usual, there were more active days and higher MUF's in more southern receiving locations. June may be better—there are reports of a number of tornadoes.

Es April(end) 29 30 May 1 2 3 4 5 6 8 9 10 11 12 13 14 15 17 19 20 21 22 23 24  
Nr. reporters 8 3 3 1 1 2 1 3 2 3 3 3 4 4 3 1 2 1 3 4 4 5 4  
MUF at least 1079 4 985 3 4 4 4 2 999 5 3 3101.5 947 951 2 4 5 4 987 1079 985 6  
25 26 27 28 29 30 31 Jun 1 2 3 4 5 6  
4 2 3 2 5 5 3 4 4 2 4 2 2  
987 4 883 51079 1079 953 985 1079 41065 905 973

David Pristupa, 3437 Ortona Street, Saskatoon, Saskatchewan S7M 3R9 (29 Apr) (CST)

I'm now a member of WTFDA and here is a report. I have been doing some DXing lately but not much has appeared. My DXer friend Greg Towstego phoned me about an opening in progress on Apr 29. My receiver is a portable B&W set with 3-ft whip antenna. At 8:37 PM, KUTV 2 Salt Lake City, Utah was seen (NRC Movie). No other channels had DX, probably sporadic E as it had rapid-type fade with whistles (yes, Dave, the rough fading is a usual characteristic of sporadic-E [Es]; the whistles were probably sounds of video frequency offset interference which shows large horizontal lines on the screen. dps) Another ch-2 signal had spiritual music but no Id. This DX faded out after a short time, but at 10:00 PM, more skip appeared with KPMI 96.3 (rock music) and at 11:00 PM KQIV 6, both Eureka, CA. Signals were noted on chs 2-6 and a few other weak FMs but no others were identified. At midnight the TV and FM bands died out. I see that the season is starting to open and I hope it gets better.

AlC John M. Kuschall, FR 470 56 9161, PSC Box 1166, Malmstrom AFB, Montana 59402 (23 May)

This is my first report since the April 1973 column. Having been stationed (GMT) here at Malmstrom Air Force Base since 17 Sep 72, my DXing has suffered with living in barracks with tight quarters. I thought I'd tell you that DXing with cable-TV hookup is possible on the VHF channels. On 23 May 1974 at 0045 hrs Coordinated Universal Time, was watching Teleprompter Cable Ch. 2 (Spokane) and noticed heavy CCI. Unhooked cable and turned to local KRTV 3 Great Falls, with monopole antenna on Sears 9' B&W set and saw very heavy CCI. Turned to ch 2 and saw CCI. This was not a bleed through from the cable; to prove this I went to a friend's room who has Zenith color set, far from the cable. Noticed CCI with color. As with Sears set, antenna was pointed west horizontally. Went back to my room and CCI was still there. CCI faded out at apx 0120 hrs, so reconnected cable, turned to ch 3 and then to ch 2. CCI on Spokane KR-2 faded out at 0122 hrs. (If I'm correct, this skip was observed from 1845 to 1922 CST. dps)

This has been the first time I've seen sporadic-E since I came into the Air Force. Probably could have picked out call letters if I had a yagi antenna on the roof but that's the way it goes. Great Falls has Teleprompter Cable TV almost everywhere, so a DXer can see us just by tuning in KREM-2 and KXLY-4 Spokane, or KCPX-4 Salt Lake City, when it's not coming in this immediate area.

(Yes, Es can be seen on cable hookup, but probably some amount of CCI is the best one can hope for, as an indication of skip, but for identification of signals, an antenna is still better. dps)

Dave Pomeroy, 5231 West 31st Street, Topeka, Kansas 66614 (7 Mar - 31 May, (CST)

8 tr 180C KNB 14 Sioux City IA (29/3s) 2325 KID - 3 Idaho Falls ID  
1805 KHNJ-29 Hastings NE 2330 KATD 4 Boise ID  
1830 KXNE-19 Norfolk NE 2330 KIVI 6 Nampa ID  
25 tr 2215 TVTC 6 Insign KS M22 tr 0900 ITVO 17 Rockford IL  
2300 KGLD-11 Garden City KS HCEB-23 Freeport IL  
46 Es 2300 unId 2 (no. French) KANL-7 Waterloo IA  
29 Es 2055 KIQ 6 Spokane WA 26 tr 2330 KVPD 21 Fort Dodge IA  
2114 KCM-2 Spokane WA 27 tr 0019 JHO -13 Des Moines IA  
2320 KROT-2 Boise ID Es 2045 XEPE-2 Nuevo Laredo Tamps

(27)tr 2300 WKY - 4 Oklahoma City OK  
 29 Es 1830 KGHT- 4 Harlingen TX  
       KIII 3 Corpus Christi TX N  
       1855 KPRC- 2 Houston TX N  
       1930 XEFB- 3 Monterrey NL  
       unId 6 (Sp, Ch 8 Id)  
       2000 unId 5 (Sp, Ch 2 Id)  
       XEFB- 2 Nuevo Laredo Tamps

30 Es 1700 KAIT 4 Boise ID  
 1715-1745: Loss of power w/skip in  
       full through ch 6 (local storm)  
       1800 CFAC- 2 Calgary Alta N  
       2100 KUTV- 2 Salt Lake City UT  
 31 Es 1100 WSAV- 3 Savannah GA  
       1120 WSB - 2 Atlanta GA  
 Same fairly good skip lately. Total now 120.

Steven C. Wiseblood, 707 Loma Way, Santa Maria, California 93454 (9 May - 3 Jun) (PDT)

Equipment: 1960 Packard Bell 17" B&W with rabbit ears

9 Es 1746 unId 2 (Sp, Canal 8) (XHCH/XHIA) (23) Es 1745 unId 2 CBC-TV (CFAC-?)  
 1936 unId 4 (Sp, Song & Variety, Mex.) 1915-2200 2-6 unIds (MUF 94.7 @ 2030)  
 10 Es 1500-1610 2 unIds 1925 KUTV 2 Salt Lake City UT 616  
       1530 KREM- 2 Spokane WA 899  
       1554 KATU 2 Portland OR 741  
       1601 CBUT 2 Vancouver BC 1000  
 11 Es 0905-1200 2 unIds 2020 unId 2 (Sp, Canal 8 Mexico)  
       0922 unId 2 (tp & tone) 2020 unId 4 Mexico (Spanish movie)  
       1154 KREM- 2 Spokane WA T 899  
       1244 XHCH- 2 Chihuahua (music) 948  
 12 Es 1802-1850 2-3 unIds 2035 KATU 2 Portland OR 741  
       1832 KTEW 2 Tulsa OK (NBC) T1377  
       1707-1910 2-6 unIds 2129 KAIT 4 Boise ID T 643  
 13 Es 1149 KNOP- 2 North Platte NE 1138 2134 KBOI- 2 Boise ID N 643  
       1736 unId 2 (Sp, Canal 8, news)  
       1741 unId 4 (CB, Mexico? USA?)  
       1745 XEJ - 5 Ciudad Juarez Chih T 826  
       1822 KENS- 5 San Antonio TX T1328  
       1837: MUF 94.7 to TX  
       1858 KMID- 2 Midland TX 1066  
       2159 unId 2 (CBC network)  
 14 Es 1152 unId 2 (possibly Canada?)  
 15 Es 1207 unId 2 (heavy CCI)  
 17 Es 1159 KTVQ 2 Billings MT 970  
       1420 KREM- 2 Spokane WA T 899  
       1425-1505 2,3,4 unIds  
       1430 CFAC- 2 Calgary Alta (CBC) 1157  
 20 Es 1530 unIds 2-4 2Es 0910 unIds 2-6 (MUF 94.9 @ 0903)  
       1837 KDIX- 2 Dickinson ND T1234  
       21 tr 0749 KPIX 5 San Francisco CA (CBS) N 230  
       Es 1037 KNOP- 2 North Platte NE T1138  
       1852 CBUT 2 Vancouver BC 1000  
       1855 KREM- 2 Spokane WA  
       2002 unId 4 (Spanish- Mexico)  
 22 Es 1507 unId 3 (tp with tone)  
       1510 KOMO- 4 Seattle WA 879  
       1529 CBUT 2 Vancouver BC 1000  
       1530 KREM- 2 Spokane WA 899  
       1531 KATU 2 Portland OR 741  
       1900-2300 2-6 unIds  
       1900 KREM- 2 Spokane WA in agn 899  
       KOMO- 4 Seattle WA in agn 879  
       1908 KXLY- 4 Spokane WA 899  
       2108: MUF 107.9  
       2120 KFEB- 5 Great Falls MT N 987  
       2210 CFAC- 2 Calgary Alta T1157  
       2233 KUTV 2 Salt Lake City UT N 616  
 23 Es 1054 KATU 2 Portland OR T 741  
       1231 KDFW 4 Dallas TX T1349  
       1240 KENS- 5 San Antonio TX T1328  
       1303: MUF 97.9 to TX  
       1335 unId 2 (Spanish, Mexico)  
       1625 KMID- 2 Midland TX 1066

No Es was seen June 3, though there was some June 4; this will be on my next report.  
 May 30 produced my first double-hop Es, but the MUF was only at ch 2 at that time. All  
 of the above stations were seen with rabbit ears; I am now in the process of buying an  
 antenna from Jim Pizzi, which I hope to have up by the 20th of June. 73's.



Jim Pizzi, 300 Park, Orcutt, California 93454

(2 May - 6 Jun) (PDT)

Equipment: 10-el. ch7-13 yagi, 7ft UHF dish @ 75 & 80 ft, 10-el. ch4 & 10-el. ch5  
@ 30 ft; GE 23" B&W, Zenith 18" color

- 2 tr 1933 K7477 74 ? (of KQED 9) 3335 (23) Es 1530 CBUT 2 Vancouver BC  
(using Panasonic CT-201 w/very accurate  
detent tuning was logged as Ch75-error)  
1940 KPBS-15 San Diego CA 1530 KATU 2 Portland OR  
KCST 39 San Diego CA 1700 CHBC- 2 Kelowna BC  
1955 KBSC 52 Corona/Los Angeles CA 1900 KREM- 2 Spokane WA  
KXLA 40 Fontana/Los Angeles CA 1930 KXLY- 4 Spokane WA  
KNEK 34 Los Angeles CA 1930 unId 5  
KHOF-30 San Bernardino CA 2100 KFBH- 5 Great Falls MT  
KCET 28 Los Angeles CA 2101 KRTV 3 Great Falls MT  
1958 KBHK 44 San Francisco CA 2107 KXLF- 4 Butte MT (Montana FM in)  
2100 KGSC 36 San Jose CA 4555 2141 KID - 3 Idaho Falls (1cl discussion)  
KNTV 11 San Jose CA 2237 GPCW- 4 Calgary Alta (nx)  
2137 KTXL 40 Sacramento CA 2300 CFAC- 2 Calgary Alta  
2554 unId 59 (north) 2334 KTHO- 2 Casper WY (2337 s/off)  
3 tr 1345 KLOS 58 Los Angeles CA 23 Es 1330 KMID- 2 Midland TX  
KCST 39 San Diego CA 3325 1330 KWAB 4 Big Spring TX  
6 Es 1430 KMID- 2 Midland TX 3325 1954 KSL - 5 Salt Lake City UT  
tr 1933 unId 58 (north) (Stockton on air?) 2000 KCPX- 4 Salt Lake City UT  
(Haven't heard that it is...dps) 2100 KING- 5 Seattle WA  
7 tr 1840 K7477 74 ?? 3055 2100 KOMO- 4 Seattle (2-hop possible  
9 tr 0918 K8377 83 ? (of KQED 9) 4055N (movie; 2206 Canal 2 Id, 24 Horas News)  
0920 K5977 59 ? (educ.?) 3055N 2130 KBOI- 2 Boise ID  
0921 K7477 74 ? (of KQED 9) 4155 2133 KREM- 2 Spokane WA  
1110 KSBW- 8 Salinas CA 5555 2138 unId 2 (SS, mystery movie)  
Es 1700 unId 2 (Spanish) 2150 unId 3 (SS, 24KHz Cito KXT: XHI/T)  
tr 1820 unId 58 (of KMKT 2) (north) 2218 unId 2, 4 (Spanish movies)  
10 Es 0930 KTHO- 2 Casper WY 2304 unId 4 (24 Horas in/out to 2310)  
1017 KCKT 2 Great Bend KS 24 Es 0900 KORN- 5 Mitchell SD N  
1100 KMID- 2 Midland TX 0900 KDUH- 4 Hay Springs NE  
11 Es 1245 unId 2 (se) (SS, 1cl var pgm) 25 Es 0830 KMID- 2 Midland TX  
12 Es 1327 unId 3 (e) (CBS Basketball) 0900 KPFX- 3 Wichita Falls TX  
1532 unId 2 (e) (Sea Wildlife pgm) 28 tr 2315 K8377 83 ? (of KQED 9)  
13 Es KNOF- 2 North Platte NE to K8177 81 ? (of KQED 9)  
1656 unId 4 (SS, Canal 2 Id) 2340 K7477 74 ? (of KQED 9)  
1657 unId 2 (SS, cartoons, Ca. 8 Id) 2341 KGSC 36 San Jose CA  
1829 KENS- 5 San Antonio TX 2342 KCST 39 San Diego CA  
1830 unId 4, resol. chart-XENL?XHIT?) 29 Es 1200-1400 KMID- 2 Midland TX  
1934 unId 4 (NBC- WOAI-?) (KENS in) 1834 KTVQ 2 Billings MT  
20 Es 1610 KUTV 2 Salt Lake City UT MUF ch 3  
1630 KTVQ 2 Billings MT (Mtn Nx) tr 1859 KLOS 58 Los Angeles CA  
MUF ch 4 (s/off: 2160kW, Mt. Wilson xmtr)  
21 Es 1855 KREM- 2 Spokane WA 30 Es 1000 KMID- 2 Midland TX  
1959 unId 5 (SS, Canal 2 Id) 1000 KGNC- 4 Amarillo TX  
2000 KDFW 4 Dallas TX (nx) 1045 WKY - 4 Oklahoma City OK  
2005 WOAI- 4 San Antonio TX 1100 KOCO- 5 Oklahoma City OK  
Es 2300 KJCN 2 Denver CO 1130 KENS- 5 San Antonio ? (CBS) T  
(Vy weak 2015, like MS bursting and 1300 KOAA- 5 Pueblo CO  
tropo fade combined) (Weak Es can 1300 KDUH- 4 Hay Springs NE  
look like a tropo signal. dps) 1330 KTHO- 2 Casper WY  
22 Es: MUF 107.7 1430: MUF at least 98.1 to OK & TX  
0830 KTVQ 2 Billings MT 1432 KID - 3 Idaho Falls ID  
0930 unId 4 (CBC) 1432 KXLF- 4 Butte MT  
1010 KDBC 4 El Paso TX 1448 KAID 4 Boise ID  
1030 KJAB 4 Big Spring TX 1500 KBOI- 2 Boise ID  
1030 KMID- 2 Midland TX 1600 KRTV 3 Great Falls MT  
1100 KVOA- 4 Tucson AZ (in w/KDBC) 1659 KOAA- 5 Pueblo CO agn  
1507-30 3 unId (PGA tp: KVDO?) 1700 KCKT 2 Great Bend KS  
1530 KOMO- 4 Seattle WA 1800 KNOF- 2 North Platte NE  
1838 CFAC- 2 Calgary Alta

(Jim sent a quick letter updating his DX after late May while this was in preparation. See last page of this column (4 pages ahead) for conclusion of Jim's DX. dps,



Pat Dyer, 5415 Silvertip Drive, San Antonio, Texas 78228

(6 May - 4 Jun,

(CST

Receiver: 1971 model 9-inch Penncrest black-and-white  
 antennas: Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor

6 Es 1013 KAGN 2 20 810 (123s) (1528) KINE- 3 NE 785 (17)(tr) 1959 KQCD 11 TX 340  
 ms 1029 KMLD= 2 TX 280 1530 KNOP- 2 ME 815 2026 KQNA- 4 TX T 440  
 (new mode) 1534 KPLO- 6 SD 955 2155 KWHJ-10 NM 440  
 Es 1029 KDIX- 2 ND 1225 1545 KFYI- 5 MD T1200 KLBK-13 TX 340  
 (see comments) 1659 KTVI 2 MD 790 18 tr 0025 KTVT 11 TX 240  
 Es 1935-2015 2 unids 1671 KQIA 3 IL 935 0033 KLTW 7 TX T 280  
 1435 KJHK- 2 MI T1225 1737: MUF to 99.9 0033 KQSA- 7 TX 280  
 1445 KRAY- 2 WI T1190 2120 TV Es fade out 2100 KQRI-11 TX 340  
 2145,2210 brief ch2 agn (wunstable from 1845on) 19 tr 0944 KFAA- 8 TX 250  
 2250-2255 2 to west 13 es 1316-28 KJSD 2 SC T1420 1718 unid 2 brief  
 8 tr 0929 KCSB-11 TX 340 1650 unid 2 1750-1800 2 unids  
 0940 K3FL-28 TX T 340 1730 KAFB- 9 LA T 450 1947 KCRD 2 SC T1120  
 KLBK-13 TX T 340 1840 KLA-D 2 OH 1075 2015 K5 V- 3 GA T1050  
 1615 KXKT 2 GA T1190 (Cincy-Giants BB) unids2-4, f/out2030  
 1620 KXYT 3 CA T1270 1905 KXYT 3 CA T1270 2123 KNIW- 2 TX 275  
 KMBZ 4 CA T1190 1907 KNBC 4 CA T1190 2129 KXKT 2 CA 1190  
 1640 f/out 1910 KXKT 2 CA 1190 2142 KXYT 3 CA T1270  
 1950 unids 2-6 1920 KTLA 5 CA T1190 2145 KNBC 4 CA T1190  
 2010 KTVJ 4 FL T1150 1931 KHTG- 3 BCN 1010 2158 KHAQ- 5 BCN T1010  
 2020 KBDU 2 FL 985 2Es? 1958 KTVU 2 CA 1460 (f/out 2215)  
 KFT 2 FL 1150 (Giants-Cincy BB) 20 4s 1915-2015 2,3 Sp,sdsw  
 2000 KLF to 99.9 21 Es 0426 KXKT 2 CA 1190  
 2125 KFTV 5 FL T1150 tr 2125 KFLD- 7 LA T 325 0935 KMLD 4 TX T1190  
 2140 K5 H- 2 FL 1055 2220 KJTV 12 MS T 525 0943 TX 5 TX T1190  
 2200 aux f/out 14 es 0955 unid 2 1058 KXT 3 TX 1270  
 2315 K5H 26 TX 195 1057-1102 2 unid 1033 KNIW- 6 TX 1270  
 KMLI 25 TX 355 1305-1450 2-4 Sp,unids 1931 KJIA- 2 FL 1270  
 2333 K5H- 6 TX 275 1425 KEX- 3 Cerro del 1428 KMT- 1 TX 985  
 2359 K5H 7 TX 325 Zamorano, Jto T 600 1428 KTV 3 MO 835  
 2 tr 0004 K5CV- 5 TX 275 1525-35 TGV- 3 Aust T1120 1527 KRAY- 2 WI 1190  
 0009 K5UJ- 8 TX 510 1715-2300 2-6 unids 1529 K5H 6 MI 11320  
 1s 1730-1825 KHBG-3BC 1010 1759 K5SD 2 SC 1120 MUF to 99.9  
 K5HQ- 5 BCN T1010 1801 K5IV 4 SC 1120 1611 Es f/out for while  
 10 4s 1110 KOAI 2 TX T 855 1827 K5H 6 MI T130 1659 K5H 2 UT 180  
 1127 K5H 2 TX 1150 1915: MUF to 95.1 1701 K5H 4 TX T180  
 1130 K5H 3 TX T1270 1830 K5H 2 TX 880 K5H- 5 UT T1080  
 1135 f/out, ch2 agn 1213 1928 K5H 3 TX 1450 1750 K5H 3 TX 1070  
 11 tr 0805 K5H 3 TX 1150 1915 K5H 6 TX T1190 KOAI 2 TX 855  
 0842 KVR 26 TX 195 2055 K5H 5 TX T 820 1715 K5H 5 TX T140  
 Es 0958 KXKT 2 CA T1190 2105 K5H- 6 TX T 990 1828 K5H- 4 TX 1015  
 1045 f/out 2106 K5H- 3 TX 845 K5H 4 AZ T 750  
 1129 KUTV 2 UT 1080 2149 K5H 2 TX 1055 1740 K5H- 3 TX T1010  
 1340 K5H 3 TX T1050 235 K5H 3 TX 1050 1840 K5H- 6 TX T1035  
 KOAI 2 AZ T 855 KOAI 2 AZ T 855 1840 K5H 3 TX 985  
 1725 K5H- 7 Tamp T 250 2253 K5H- 2 TX 1010 2057 K5H- 2 FL 1055  
 2215 unid 3 15 tr 2102 K5H 16 TX T 525 2315 aux f/out west  
 2s 2050 unid 2 (8 SOI K5H) 22 4s 0826 K5H- 2 TX 945  
 tr 0959 KOAI- 7 TX 280 2105 K5H 3 TX 250 0900 unids 2-6  
 K5H- 8 TX T1190 K5H 7 TX T 280 0859 K5H- 3 TX 985  
 K5H-10 TX T 280 K5H-13 TX T 280 0940 K5H- 2 TX 1010  
 Es 1015 K5H- 2 TX T1120 2108 K5H 11 TX 240 0958 K5H- 4 TX 1110  
 TGV- 3 Aust T1120 2135 K5H 39 TX T 195 0940 K5H- 4 TX 1110  
 1059 K5H 2 TX 1080 16 tr 0005 K5H- 8 TX 250 1000 K5H- 4 TX 1110  
 K5H 2 TX 1080 0510 K5H-11 TX T 340 1000 K5H- 4 TX 1110  
 1105 K5H- 5 TX T1200 K5H-12 TX T 340 1100 K5H- 4 TX 1110  
 1144 K5H- 5 TX T 280 17 tr 0000 K5H- 9 TX 250 1100 K5H- 4 TX 1110  
 K5H 3 TX 985 K5H-10 TX T 270 1100 K5H- 4 TX 1110  
 1200 K5H- 3 TX 1115 T- 6 TX T 270 1100 K5H- 4 TX 1110  
 1230 K5H- 2 TX 910 0950 K5H- 2 TX 340 1100 K5H- 4 TX 1110  
 1300 K5H 99.3 to 0 1650 K5H- 7 TX 280 1100 K5H- 4 TX 1110  
 1445 lights on in ch 3 1110-20 2 unid to se 1100 K5H- 4 TX 1110  
 1528 K5H 2 TX T11 tr 1728 K5H- 7 TX 275 1100 K5H- 4 TX 1110

22	Es	1329	WWJ - 4 MI	1225	24	tr	1114	KOSA - 7 TX	280	28	tr	2108	KMID - 2 TX	275	
		1359	WLW-D 2 OH	1075		Es	1220	KBOL - 2 ID	M1370	29	Es	1025	WJBK - 2 MI	1225	
		1435	f/out				1234	KTVM 6 MT	T1365				unids 2,3		
		1529	KORK- 3 brief agn				1310	Es f/out				1250	unId 3 brief		
		1635	40 2 unids			tr	1359	WFAA - 8 TX	250			1325	KNXT 2 CA	T1190	
		1715	unId 2 Sp.to west				1805	KHKT 2 brief	T1190			1610	KTVO 3 MO	835	
		1740	WPBT 2 FL	T1150			1920	WTKD-3 ID	T1215			1720	WMT - 2 IA	945	
		1837	XHBC - 3 BCN	T1010	25	Es	0925	WCIX 6 FL	1150				unids 2-6		
		1925	WCBD 2 SC	T1120			0959	KORK- 3 NV	1050			1935:	FM MUF to 107.9		
			XHBS - 4 Los Mochis					KNXT 2 CA	1190			2059	KUSD - 2 SD	920	
			Sinaloa	T 700				1002	MTVJ 4 FL	T1150			KLINE - 3 NE	785	
		1955	KOAI 2 AZ	855			1045	unId 6 Cuba?				2105	KID - 3 ID	1215	
			KORK- 3 agn(KVVU5-4)				1205	- 2 Cuba				2106	KQTV 2 MO	750	
		2015	XSTV 6 BCN	T1100			1240	WEDU 3 FL	T 985			2115	KNOP - 2 NE	815	
		2125	KNXT 2 CA	T1190			1254	WPBT 2 FL	1150			2120	KOTA - 3 SD	1040	
		2130	KTWO - 2 WY	1015			1400	WESH - 2 FL	1055			2140	KOA - 4 CO	T 810	
		2140	TV Es f/out				1430	Es f/out				2153	KOAA - 5 CO	T 700	
23	tr	0002	WFAA - 8 TX	250			2049	KUTV 2 UT	1080			2158	KTWO - 2 WY	1015	
		0004	KTVT 11 TX	240				KCPX - 4 UT	T1080			2210	KRMA - 6 CO	T 810	
		0009	KDFW 4 TX	250				KSL - 5 UT	T1080			2225	KKLF - 4 MT	T1365	
Es		0929	KUTV 2 UT	1080				MUF 98.7				2233	KTVS 3 CO	815	
		0935	KCPX - 4 UT	T1080				2210	KTWO - 2 WY	1015		2320	XHBC - 3 BCN	T1010	
			KSL - 5 UT	T1080				spotty to 2350				2355	still at it		
		0959	KTVK 3 AZ	835	26	Es	0000-0030	2,3 unids		30	Es	0000-0050	2-4 unids		
		1029	KOAI 2 AZ	855			1000	KNXT 2 CA	1190	tr	Es	0010	KDFW - 4 TX	250	
			KORK - 3 NV	1050			1032	KXYT 3 CA	1270			0850	unids 2-6		
			MUF to 98.5				1059	KUTV 2 UT	1080			0858	WLW-D 2 OH	1075	
		1057	KVVU 5 NV	T1040				1145	f/out			0859	WAVE - 3 KY	945	
			KPHO - 5 AZ	T 835				1510	more Es- spotty			0900	WSB - 2 GA	T 880	
		1110	KNBC 4 CA	T1190				1658	WPBT 2 FL	1150		0925	KSBY - 6 CA	T1335	
		1130	KEYT 3 CA	T1270				1715	MTVJ 4 FL	T1150			KNBC 4 CA	T1190	
		1131	XSTV 6 BCN	1100				2040	WESH - 2 FL	1055			KORK - 3 NV	1050	
		1229	KNET 2 CA	1190				2130	f/out			0929	KUTV 2 UT	1080	
		1429	KARD - 3 KS	570	27	Es	1756	KTWO - 2 WY	1015			0959	WNGE 2 TN	820	
			KUSD - 2 SD	920			1759	WMAB 2 MS	615			1015	WATE - 6 TN	T 990	
		1430	KDLO - 3 SD	1070				(by ms before)				1022	WRBC - 3 TN	865	
		1443	KCKT 2 KS	615				1806	WBTW 3 NC	1105		1045	WJRW - 2 TN	1010	
		1459	KLINE - 3 NE	T 785				1815	WSE - 2 GA	880		1050	WQAY - 4 WV	T1150	
		1500	KQTV 2 MO	750				1820	WAGA - 5 GA	T 880		1136:	MUF to 107.9		
			KOTA - 3 SD	1040				1959	KTCA - 2 MN	1110		1430	KTWO - 2 WY	1015	
			KNOP - 2 NE	815					WBBM - 2 IL	1045		1450	KWGN 2 CO	810	
		1628	KTVS 3 CO	815				2012	KARD - 3 KS	570		1529	KOAI 2 AZ	855	
		1702	KMTV 3 NE	830				2013	KUSD - 2 SD	920		1540	KVVU 5 NV	T1040	
		1745	Es f/out					2046	KLINE - 3 NE	T 785	2Es	1728	WLBZ - 2 ME	T1920	
		tr	1800	KTBS - 3 LA	350				MUF to 88.3		Es	1730	WNGE 2 TN	agn 820	
		1959	KVRL 26 TX	195				2100	KMTV 3 NE	830			WCIV 4 SC	T1120	
Es		2015-2035	KNXT 2 agn-T					2135	KOAI 2 AZ	855		1845:	MUF back to 106.1		
			KEYT 3 agn-T					2158	KTVK 3 AZ	835		1959	WLW-D 2 OH	agn 1075	
tr		2106	KMID - 2 TX	275				2205	KNBC 4 CA	T1190		2059	KWGN 2 CO	agn 810	
		2110	KOSA - 7 TX	280					KTIA 5 CA	T1190		2330	Es f/out		
		2113	KLBK-13 TX	340				2225	KWGN 2 CO	810	31	Es	0820	WBAY - 2 WI	1190
		2117	KCBD-11 TX	340				2230	KTWO - 2 WY	agn 1015			0856	WEDU 3 FL	985
		2118	KSEL-28 TX	340				2231	KRMA - 6 CO	T 810			0902	MTVJ 4 FL	T1150
		2230	WAPT 16 MS	T 525				2245	XHBC - 3 BCN	1010			0928	WCBD 2 SC	1120
			(ø CCI KMDT)					2312	KID - 3 ID	1215			0959	WAVE - 3 KY	945
								2330	f/out				WLVW-D 2 OH	1075	
24	tr	0015	KRGV - 5 TX	225				1020	WTHS - 2 FL	1150			1015	WECT 6 NC	T1250
		0019	WLAC - 5 TN	N 820	28	Es	1042	WEDU 3 FL	T 985				1020	WRAL - 5 NC	T1230
		0025	XET - 6 NL	T 275				1055	MTVJ 4 FL	T1150			1029	WFMY - 2 NC	1175
		0043	KOCO - 5 OK	420				1313	KNBC 4 CA	T1190			1101	WTSC - 3 WI	1065
		0045	XEFB - 3 NL	T 275					KTIA 5 CA	T1190			1125	KQTV 2 MO	750
		0932	KERA - 13 TX	250				1315	KNXT 2 CA	1190			1128	KGLO - 3 IA	985
Es		0959	KCKT 2 KS	615				1320	f/out				1229	WTWO 2 IN	935
tr		1029	KMID - 2 TX	275					1500-40 unids	2-4 Spanish			1256:	MUF to 95.3	
		1054	KFDX - 3 TX	305					1820	unId 2 brief			1259	WKZO - 3 MI	1140
		1100	KAUZ - 6 TX	305					2035-2140	2-4 unids			1328	WCIA 3 IL	935
		1114	KNOP - 2 NE	815											

(31)(Es) 1329 KTVI 2 MO 790 (1)(Es) 0835: MUF at 88.5 (2)(Es) 1450 f/out  
 1429 KUCD- 2 SD 920 0832 KNBC 4 CA T1190 1600 KORK- 3 NV 1050  
 1459 KMTV 3 NE 830 KTLA 5 CA T1190 1828 KNXT 2 CA 1190  
 1515 KPLO- 6 SD T 955 1030 f/out KNBC 4 CA T1190  
 1535 KDLO- 3 SD 1070 1145 - 2 Cuba et al, KTLA 5 CA T1190  
 1608 KLINE- 3 NE T 785 for apx 20-30 min. 1829 KEYT 3 CA agn 1270  
 1625 WOI - 5 IA T 1800-2050 2-6 unids 2200 f/out  
 1700 f/out very spotty, often weak 3 Es 0930-45 2 unids n.e.  
 1930 unids 2-6 n.w. 2 Es 0830: Es @tune-in: 2-6 1210 unid 2 brief  
 1932 KFBC- 5 WY T 880 0959 WLD-D 2 OH 1075 1730 KTWG 2 WY 1015  
 1935 KRMA- 6 CO T 810 1029 WCIA 3 IL 935 KTVQ 2 MT 1245  
 1942 KID - 3 ID 1215 WSAZ- 3 WV 1100 1735 KID - 3 ID 1215  
 KTVS 3 CO 815 1059 WCCO- 4 MN T1110 1820 KUTV 2 UT 1080  
 1959 KWGN 2 CO 810 WITI- 6 WI N1100 KCPX- 4 UT T1080  
 KOA - 4 CO T 810 1158 KOAI 2 AZ 855 1840 KOTA- 3 SD T1040  
 2023 KUTV 2 UT 1080 1215 KNXT 2 CA T1190 1930 KWGN 2 CO 810  
 KCPX- 4 UT T1080 1228 KEYT 3 CA 1270 KOA - 4 CO T 810  
 KSL - 5 UT T1080 1235 KNBC 4 CA T1190 2105 unid 2 Canada-na.  
 2140 KOAI 2 AZ T 855 1255 KVOA- 4 AZ T 750 2120 f/out  
 2150 KORK- 3 NV T1050 KTVK 3 AZ T 835 4 Es 0820 unids 2-6  
 2200 f/out 1340 KHBC- 3 BCN T1100 MUF to 106.5  
 1 Es 0825 KNXT 2 CA 1190 1431: MUF to 107.9

Many tentatives on Chs 4 & 5 were  $\phi$ -offset to my locals, such as WTVJ 4, WPTV 5, KFYR-5, KNBC 4, KTLA 5, WLAC-5, WCCO-4, WJW-4, and WRAL-5.

The May 6th ms logging of KMID-2 was apparently helped along the strong video signal of WDXI-2 on Es acting as video-carrier injection (VCI) as the audio ID bursts through (no audio on ND at the time).

As always the big openings come just when it is time to send this off. The mid-May slump ended about May 21 and there hasn't been many days without Es since then. A report was sent off to WLBZ-TV Bangor, Maine to make sure it was them on May 30—if so, it will be state #39 and by far my most distant TV catch.

The WLAC-TV trop on May 21, was somewhat startling—by that time though most stations to the east had already signed off for night. 73, WASTYX.

## Jim Pizzi, Orcutt, California (continued)

(30)(Es) 2130 CKCK- 2 Regina Sask 2 tr 0155 KBLU 13 se, 10kHz to KOCOP(??) T  
 31 tr 2340 KQED 9 San Francisco CA 3143 Es 1300 unid 2 Spanish  
 KMST 46 Monterey CA 4555 1359 KMID- 2 Midland TX  
 KGBW- 8 Salinas CA 5555 1400 KDBC 4 El Paso TX  
 1 Es 1130 KDIX- 2 Dickinson ND 1520 KOAA- 5 Pueblo CO  
 1130 KTVQ 2 Billings MT 1540: MUF to 100.3 to KS  
 1315 KHPL- 6 Hays Center NE T 1551 unid 4 (war movie)  
 1400 KWGN 2 Denver CO 1600 KNOP- 2 North Platte NE  
 1400 KGWC- 4 Amarillo (Id 1430) 4 Es 1300 unid 243 east  
 1427 KFSA- 5 Fort Smith AR N 5 Es 0930 KDIX- 2 Dickinson ND  
 1429 WKY - 4 Oklahoma City OK 6 Es 0900 WKY - 4 Oklahoma City OK  
 1430 KTVS 3 Sterling CO 0930 KGNC- 4 Amarillo TX  
 1453 KMID- 2 Midland TX 0930 KOCO- 5 Oklahoma City OK  
 1501 KTVG 6 Ensign KS ? 4034T 0940: MUF 94-7 to OK  
 (strongest skip ever seen on ch6) 0939 KTEW 2 Tulsa OK

Activity on the tube has picked up, and this has been a good year so far, with many good openings: 5 new TV (+ 1 tent.) and 7 new FM, for totals TV 113 and FM 216. Finally logged KID-3 after a 5-year search.

I can't wait for the UHF translator guide I've ordered. I've gotten a lot of new translators but don't know from where.

On 6-1, saw the strongest skip I've ever seen here,  $\phi$ -offset against our 30-mi. line-of-sight local KSEY-6.

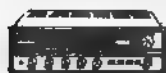
Talked with Steve Hiseblood; he noted his double-hop to WESH-2 on 530. That morning I got up a little late and didn't turn the TV's on—how frustrating. He was using rabbit ears, too. He'll be buying an antenna system from me soon; I think I'll buy his rabbit ears, hi. Best of DX.

Best of DX to all

Dennis



# NORTHERN FM DX



Edward Barboni  
50 S. Montgomery Ave.  
Norristown, PA. 19401

JULY 1974

\*\*\*\*\*Support WTFDA, Send In Your Reports.\*\*\*\*\*

Deadline 10th.

Hello, I am the new editor of NORTHERN FM-DX. All FM-DXers that live east of the Mississippi and North of the Mason-Dixon line should send their reports to me at the above address. Please excuse my mistakes. I will have all problems ironed out by next month. My receiver is a Lafayette LA-775 coupled to a Winegard SC-650 antenna. I am in the process of stacking two SC-650's and raising the antenna height to 35 ft. Now let's get to this month's reports.

Joseph Pala. 150 Robert Place. South Plainfield. N.J. 07080 EDT

Receiver - Pioneer SX-828. Antenna - JFD FM-10A @ 30 ft.

- Apr. 14: 0108 - Tr. WGRG 104.5 Mansfield, PA. w/country Mx.
- Apr. 17: 0002 - Ms or Es. KESD 88.3 Brookings, S.D. ID. Rock Mx.
- Apr. 28: 0100 - 0200 Tr. WMYK 93.7, WQRK 104.5, WAPL 97.7 WCMS 100.5
- 0800 - Tr. WIRI 105.3, WGH 97.3 WYFI 99.7
- 0836 - Tr. WKEM 107.5 Exmore, VA.
- May. 11: 0702 - Tr. WGTB 90.1 Washington, D.C. w/Id. Rock Mx.
- May. 12: 0905 - Tr. WTGM 89.5 Norfolk, VA. w/classical Mx. - Note WITF 89.5 noted carrying classical Mx at same time - could be tricky.
- May. 14: 0602 - Tr. WPGM 96.7 Danville, PA. - ID thru strong WYRS
- May. 16: 2044 - Tr. WKSS 96.7 Hartford, CT. Strong. w/Mx. "Kiss" ID.
- 2120 - Tr. WWYZ 92.5 Waterbury CT. Mx. "Wise" ID.
- 2346 - Tr. WTYD 100.9 New London, CT. 30's and 40's Mx.
- 2352 - Pirate Station - ID's as 'WGCS 91.9' New York City
- Anyone have any info on this one?
- Midnight s/off.
- May. 30: 1917 - Es. WMCU 89.7 Miami, FLA. Mx. " - "
- 1922 - Es. WHRS 91.7 Boynton Beach, Fla. Crime PSA. Promo for WHRS program Guide.
- 1931 - Es. WFIN 92.5 Key West, Fla. Mx. "Fine FM Stereo"
- 1950 - Es. WGOV 92.9 Valdosta, GA. auto c/w. bad audio at times
- May. 31: 1508 - Es. KAKC 92.9 Tulsa, OK. auto. oldies rock
- 1800 - Tr. WMNR 88.1 Monroe, CT. good Mx.
- 2110 - Tr. WSUB 105.5 Groton, CT. rock Mx.-thru local WDHA
- 2201 - Tr. WMEA 90.1 Portland, ME. Classical Mx. WMEH-WMEA ID
- Jun. 6: 1758 - Es. WHWC 88.3 Colfax, Wisc. "All things Considered"
- 1759 - Es. KDPS 88.1 Des Moines, Iowa. w/Id, Radio Talking Book Service.
- 1800 - Es. ERSW 91.7 Pipestone, Minn. w/Id, then into "All things Considered" prog.
- 2210 - Tr. WHIM 94.1 Providence, R.I. w/country Mx.
- 2214 - Tr. WSRS 96.1 Worcester, Mass. Strong w/"SRS" Id.

# WESTERN FM DX

EDITOR ROGER S. MORIE  
P.O. BOX 784  
MISSOJ.A. MT 59801  
TEL (406) 549-5365  
DEADLINE 10th MONTHLY

Gil Morgan, 2302 Downie Pl, Santa Ana, CA 92706 (May 22 - June 6) (PDT)

Sony ST-5000FM tuner, 2 stacked Winegard SC-650 antennas at 55 feet,.....  
22 Es 2029 KPEC 90.9 WA Tacoma, ol nx 963 30 Es 1301 KMOA 95.1 MN Worthington, #15 1368  
2055 KROY 91.7 WA Tacoma, nx 963 1302 KDCR 91.3 IA Sioux Center MoR 1323  
2123 KDNC 93.7 WA Spokane, caw 956 1331 KRSW 91.7 MN Pipestone, NPR 1350  
23 Es 1129 KQXX 98.5 TX McAllen, caw 1280 6 Es 0901 KMWU 89.1 KS Wichita, rdb 1177  
1130 KBFM 104.1 TX Edinburg, MoR 1282 1002 KFDI 101.3 KS Wichita, Es out 1177  
2015 KXKL 93.7 MT Roseman, new #13 904 at 1018  
30 Es 1231 KTDB 89.7 NM Ramah, pop 554 1211 KESD 88.3 SD Brookings, pop 1334  
shortest skip 1230 KMYR 93.7 SD Winner, caw 1162  
1300 KLEO 92.5 SD Sioux Falls 1314 Es out 1237  
pop, state #14 73's and good DXing,.....

Jim Pissi, 300 Park, Oroult, CA 93454 (May 2-23) (PDT)

12 Tr 2145 KEWT 105.1 CA Sacramento, EL New loggings are underlined. There has  
22 Es (overall MUF of opening was 107.7) been much skip on the TV channels, but not  
2105 KNUW 94.5 MT Great Falls, rock much MUF into FM was observed. Total now 209.  
2110 KYSS 94.9 MT Missoula, cl \*\*\*this report via Dennis Smith\*\*\*

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (May 8 - June 8) (CST)

Allied 426 and Hallicrafters SX-62 (with International Crystal SAX-1 preamplifier;  
Archer V-100 antenna at 20 feet with rotar...

8 2003 brief unID 94.9 Es 14 0030 KPLX 99.5 TX Fort Worth 240  
2047 tent WMCU 89.7 FL Miami caw 1150 "KAY-PLEX" ID  
tent WINZ-FM 94.9 FL Miami, MoR 1150 1805-1823 unID Es 89.1, 89.9, 95.1, 94.1 -  
2100 WMOG 99.9 FL Boca Raton rel pgal150 likely s.e. US  
2102 WJNC-FM 97.9 FL Palm Beach 1150 1917-1933 89.3 unID  
EL, ID, ads 2055-2110 89.5 Es  
2105 tent WMYQ 96.3 FL Miami, rock 1150 2143-2151 95.1 Es  
tent WINK-FM 96.9 FL Fort Myers 1040 15 1600 KWHI-FM 106.3 TX Brenham, ID, nx 140  
2110 tent WSOR 95.3 FL Fort Myers 1040 2137 KENT 106.1 TX Denton, "Solid Gold" 275  
religious programming 2300 KNTT 105.1 TX Abilene, s/off 220  
2125 about last of 89.7 Es 2313 KBJH 98.5 OK Tulsa, rel pgaling 485  
9 0037 KGAW-FM 93.3 TX Fort Arthur caw 280 2350 KVLV 103.7 TX Dallas, ID 250  
0100 KLGJ-FM 99.5 LA Lake Charles EL 325 2352 KNUB 98.7 TX Dallas, rock, K-NEWS 99 ID  
11 1735 KQXX 98.5 TX McAllen, wx-102 deg220 2355 KOAX 105.3 TX Dallas, EL, coax ID 250  
12 1002 KBIM-FM 94.9 NM Roswell, EL, Trop440 17 2130 KBIM-FM 94.9 NM Roswell, MoR, ID 440  
1204 Es, tent KMGH 91.5 AZ Phoenix 835 2147 KBIC 102.3 TX Alice, EL, ID 120  
1231 KGRE 92.3 CO Greeley, nx-f/out 830 2200 KONG-FM 97.9 TX Amarillo, EL, ID 440  
in 10 minutes 21 0943-0954 unID 88.3, 89.7 Es to west  
1542 KBMR-FM 94.5 ND Bismarck, BB 1200 1520 tent WHRM 91.9 WI Wausau, NPR 1170  
1600 tent KGLS-FM 93.9 SD Rapid City 1040 1537 tent WLVE 94.9 WI Baraboo, EL, MoR 1080  
1610 tent KYTN 94.7 ND Grand Forks, MoR 1714 tent KUER 90.1 UT Salt Lake City 1080  
1630 temporary f/out 1715 tent KCPX-FM 98.7 UT Salt Lake 1080  
1706 tent WHLA 90.3 WI Holmen 1080 1720 KALL-FM 94.1 UT Salt Lake City 1080  
several 88-92 unIDs EL, local ad  
1731 tent WHA-FM 88.7 WI Madison caw 1065 tent KLUH-FM 97.1 UT Salt Lake-EL 1080  
tent WFNE-FM 89.3 WI Green Bay 1090 1800 tent KILA 95.5 NV Henderson, EL 1040  
1736 WFG 98.7 MI Detroit rel pga 1225 1803 KLUQ-FM 98.5 NV Las Vegas, local 1050  
1737 WDAI 94.7 IL Chicago, rock, ID 1045 tent KYEG-FM 92.3 NV Las Vegas 1050  
tent WFMR 96.9 IL Chicago, rock 1045 f/out 1805 or so  
tent WJVL 99.9 WI Jamestown 1055 1902 likely the Salt Lake City bunch again  
German programming on 97.1, 98.7, and 90.1  
1744 WJAY-FM 96.9 MI Grand Rapids 1170 1912 KBYU 88.9 UT Provo, ID (had been 1045  
wx, ID, \$97 tent 1703  
1747 WZUU 95.7 WI Milwaukee, rock 1100 1950 WJCT-FM 89.9 FL Jacksonville, ID 1015  
tent WFMR 96.5 WI Milwaukee, caw 1100 tent WYFL 89.1 FL Jacksonville  
tent WNUW 99.1 WI Milwaukee, rock 1100 tent WJAX-FM 95.1 FL Jacksonville 1015  
1754 WZMF 98.3 WI Menomonee Falls 1100 tent WOMA 94.9 FL Tallahassee, caw 855  
rock, area ads 2022 tent WDBO-FM 92.3 FL Orlando, EL 1035  
1810 tent WYCA 92.3 IN Hammond, rel 1040 2035 tent WUSF 89.7 FL Tampa, FL nx 985  
pgaling 22 0833-0910 spotty unID Es 90.1, 90.3  
1820 WKQ 98.1 MI Saginaw, caw, ID 1250 0910 tent WRWG 88.3 WI Golfax 1135

# WESTERN FM IX

\*\* (Dyer-Continued) \*\*

JULY 1974

- 22 0910 tent WBSA 89.9 WI Brule, //88.3 1235  
1015 tent KSJR 90.1 MN Collegeville 1135  
1020 tent KSPL-FM 94.5 MN St Paul, EL 1110  
1025 KTIS-FM 98.5 MN Minneapolis, ID 1110  
tent KAAL 99.9 MN Austin, EL 1035  
1213 KRFM 95.5 AZ Phoenix, local ads 835  
1214 tent KUPD-FM 97.9 AZ Tempe 825  
1215 tent KMRO-FM 96.9 AZ Phoenix 835  
1219 KUTC 92.3 AZ Glendale, ID 840  
1220 tent KOOL-FM 94.5 AZ Phoenix, rock 835  
tent KRBC 98.7 AZ Phoenix 835  
1229 KILA 95.5 NV Henderson, ID 1040  
1232 tent KLUG-FM 98.5 NV Las Vegas 1050  
1250 tent KBYU 88.9 UT Provo, ex nx 1045  
1251 tent KALL-FM 94.1 UT Salt Lake 1080  
1254 tent KCPX-FM 98.7 UT Salt Lake 1080
- 23 0725 KMIT 105.1 TX Amlene, wx, ABC nx 220  
0750 KDOI 106.5 TX Jacksonville, ad 260  
0759 KXSO-FM 98.1 OK Lawton, ID, UPI nx 355  
0938 tent KANW 89.1 NM Albuquerque 605  
tent KUNM 90.1 NM Albuquerque 605  
1003 KTHB 89.7 NM Ramah, Navajo lang- 695  
uage programming  
1031 tent KLVN 94.1 NV Henderson, EL 1040  
1034 KUDG-FM 98.5 NV Las Vegas, rock 1050  
1037 KILA 95.5 NV Henderson, rel pgs 1040  
1120 tent KCSN 88.5 CA Northridge, cx 1210  
tent KPCS 89.3 CA Pasadena, EL 1185  
1747 tent KCSN and KPCS again  
1820 trop condx up, KTLN-FM 98.1 380  
TX Texarkana, ID, ABC nx  
1825 KINT 106.1 TX Denton, ID 275  
1930 KOIR 107.9 TX Corsicana, ID, ABC nx 220  
2315 WMC-FM 99.7 TN Memphis, ID, FM100 635  
rock/MoR  
2332 WMPX-FM 97.1 TN Memphis, ID 635  
2359 KRFM 104.1 TX Edinburg, ID, UPI nx 215
- 24 0000 WHEI 105.9 TN Memphis, ID, \$106 635  
0130 KFLX 99.5 TX Fort Worth, (most 240  
other Dallas-Ft. Worth stations in  
well also; last trop noted that good  
into Memphis was in April 1971)
- 25 0926 tent WTLN-FM 95.3 FL Apopka, 1035  
religious programming  
0929 WDNJ 94.5 FL Daytona Beach, 1055  
ID & 94, EL  
1005 WFNY 92.5 FL Key West, ID, local ads  
-this station remained in virtually  
without fadeout, for a little over  
2 solid hours-  
1104 WMYQ 96.3 FL Miami, ID, rock 1150  
1135 WMCU 89.7 FL Miami, ID, FM \$89 1150  
1159 WBUS 93.9 FL Miami, ID, MoR 1150  
WINE-FM 94.9 FL Miami, ID, MoR 1150  
1230 WINK-FM 96.9 FL Fort Myers, ID 1040  
1240 wpx f/out of EL  
2028 tent KBYU 88.9 UT Provo, ex nx 1045  
2030 tent KALL-FM 94.1 UT Salt Lake 1080  
2044 tent KUER 90.1 UT Salt Lake City 1080  
2047 KCPX-FM 98.7 UT Salt Lake City, 1080  
local ads  
2110 FM Re f/out
- 27 2013-2042 spotty Re, KESD 88.3 SD 1020  
Brookings, ID, cx nx
- 29 the most productive Re opening of the  
season so far---  
1733 tent WBA-FM 88.7 WI Madison, cx nx  
tent WFNE-FM 89.3 WI Green Bay 1190
- 29 1743 WJVM 94.3 IL Sterling, local ad 980  
1757 WBEV-FM 95.3 WI Beaver Dam, ad 1105  
1758 WLVE 94.9 WI Baraboo, area ad 1085  
1800 WAAG 94.9 IL Galesburg, area wx 915  
1801 WTLN-FM 94.5 WI Milwaukee, local 1100  
news item  
1815 KJFF 106.9 MO Jefferson City 725  
Implies an MUF near 130 MHz-Royals bb  
local ads  
1820 WZHU 95.7 WI Milwaukee, ID, rock 1100  
1821 KDVR 97.9 IA Sioux City, ID, ads 905  
1824 KJRW-FM 99.3 IA Le Mars, St. 930  
Louis Cards BB, ID, (over our  
12 hr local)  
tent KTFP 103.3 IA Sioux City, 905  
mulligan programming  
1838 WSPA-FM 98.9 SC Spartanburg, ad 1035  
1902 KEYC-FM 99.1 MN Mankato, MN nx 1045  
1903 KILR-FM 95.9 IA Estherville, ad 985  
1908 tent KTIS-FM 98.5 MN Minneapolis 1110  
tent KSTP-FM 94.5 MN St Paul, EL 1110  
tent KQRS-FM 92.5 MN Golden Valley  
1910 KRIT 96.9 IA Clarion, Twins bb 950  
1917 KOWH-FM 94.1 NE Omaha, Royals bb 830  
1923 KCHT-FM 100.7 MN Alexandria, ad 1145  
1926 KQIC 102.5 MN Wilmar, area ad 1100  
1935 MUF to 107.9  
KJWA-FM 105.5 IA Sheldon, ID 960  
1940 KDLG-FM 96.9 SD Garden City, ID 1090  
KRLD-FM 92.5 SD Sioux Falls, 96.9 975  
1945 KRWY-FM 98.9 NE Kearney, ID 780  
1950 KHWG-FM 96.5 SD Sioux Falls, rel pgs  
2005 WLCY-FM 94.9 FL Tampa, ID 985  
WFLA-FM 93.3 FL Tampa, ID, nx 985  
(prior logging by trop)  
2025 Re f/out  
0852 brief 89.7 Re 1035, 88.7 Re  
1058 KLVN 94.1 NV Las Vegas, ID, local ads  
tent KVRG-FM 92.3 NV Las Vegas 1050  
1105 tent KBYU 88.9 UT Provo, ex, opera 1045  
1108 WIAL 94.1 WI Eau Claire, local ad 1125  
1116 tent WHEG 88.3 WI Colfax 1130  
tent WBSA 89.9 WI Brule //88.3 1235  
1128 tent KUER 90.1 UT Salt Lake City 1080  
cx music  
1137 KCHA-FM 104.9 IA Charles City, ID 995  
MUF to 107.9  
1138 tent KTIS-FM 98.5 MN Minneapolis 1110  
1141 KSTP-FM 94.5 MN St Paul, ID, EL 1110  
tent WUIB 103.7 WI Ladysmith, 1180  
WI items  
1147 KTRG-FM 97.1 MN Minneapolis, ID 1110  
1154 tent KJRH 104.1 SD Yankton 930  
1158 KYSM-FM 103.5 MN Mankato, ad 1045  
1201 WGR 105.1 MN Duluth, ads, ID 1250  
1205 KLUZ-FM 107.1 MN Hutchinson, ads 1090  
1231 KWIM 98.7 MN Morehead, ID, Solid Gold  
1232 KXST 105.9 CA Los Angeles, nx, wx/1250  
rather odd as lower freq IA signals  
not found 1190  
1240 tent WFNV-FM 97.9 ND Fargo, ex 1205  
1255 tent KESD 88.3 SD Brookings 1020  
1300 KTYN 94.7 ND Grand Forks, EL, ID 1240  
1310 WBA-FM 88.7 WI Madison 1065  
WFNE-FM 89.3 WI Green Bay //88.7 1190  
1325 tent KBMR-FM 94.5 ND Bismarck, MoR  
very spotty until f/out 1350 or so  
1815 more FM Re starting

## WESTERN FM IX

\*\* (Dyer-Continued) \*\*

JULY 1974

20 1827 tent WNUU-FM 94.5 SC Greenville, SC 1010 5  
religious programming  
1828 WEPB 90.1 SC Greenville, SC nx 1010  
1830 tent WMBN 88.9 TN Chattanooga, 865  
religious programming  
1845 WLET-FM 106.1 GA Toocoo, ads, ID 995  
1848 WSSG-FM 92.5 SC Greenville, 1010  
SC nx, local ads  
1851 WROQ 95.1 NC Charlotte, ID, rock 1105  
1915 apx FM Es f/out  
21 0910-20, spotty 89.5 Es  
1000 89.3 South Carolina  
1021 WROQ 95.1 NC Charlotte, ID 1105  
1026 tent WMBN 88.9 TN Chattanooga 865  
1027 WEPB 90.1 SC Greenville, SC nx 1010  
svrl unIDs vy spotty to 1105  
1245 WLRN 94.5 IL Champaign, local ads 935  
1256 tent WRTI-FM 95.3 IL Rantoul, MoR 945  
1302 WFTM 95.1 IN Fort Wayne, local nx 1095  
1405-20 more spotty unID Es  
1511-30 94-95 unIDs; likely Iowa  
1325 tent KIRS 88.1 IA Des Moines 880  
1 0835-0847 KGSN 88.5 CA Northridge, 1210  
rock, ID  
2 0907 spotty Es  
0928 tent WFED 88.5 NC Winston-Salem 1150 6  
WRNS 95.1 NC Kinston, ID, caw 1275  
WQDR 94.7 NC Raleigh, ad, rock 1230  
1035 WRTI-FM 95.3 IL Rantoul, local 945  
area ad, ID-mostly spotty 88-90  
stuff to 1120  
1415 tent KPBS 89.5 CA San Diego, cx nx 1110  
tent KIRO 94.9 CA San Diego, history  
disc 1110  
1417 tent XHIS 90.3 Tijuana, BOM, Mexico  
rock 1100  
tent KPBS 94.1 CA San Diego, cx 1110  
1420 tent KIXY 96.5 CA San Diego, CA nx  
1421 KPRI 106.5 CA San Diego, local ad 1110  
tent KING 98.1 CA San Diego, rock 1110  
tent KOZN 103.7 CA San Diego 1110  
1430 KNOB 97.9 CA Long Beach, ID, MoR 1180  
1431 tent KAPX 107.9 CA San Clemente 1150  
1434 tent KNX-FM 96.3 CA Los Angeles 1190  
tent KLOS 95.5 CA Los Angeles, rock  
1447 KJOI 98.7 CA Los Angeles, EL, ID /1190  
4 0825 tent WTLN-FM 95.3 FL Apopka, rel 1040  
tent WJCT-FM 89.9 FL Jacksonville  
cx nx 1015  
0830 WDNJ 94.5 FL Daytona Beach, EL, ID 1055  
WMTZ-FM FL Jacksonville, NC, 96.1 1015  
WTAN-FM 95.7 FL Clearwater, ID 960  
WVFM 94.1 FL Lakeland, EL, ID 1010  
0835 WBUS 93.9 FL Miami Beach, ad 1150  
0842 WFLA-FM 93.3 FL Tampa, area ads 985  
0846 WMYQ 96.3 FL Miami, area ad 1150  
tent WFTN 92.5 FL Key West, EL 1090  
0852 tent WEDR 99.1 FL Miami, nx 1150  
tent WVOG 99.9 FL Boca Raton 1150  
0854 tent WGLO 106.7 FL Ft Lauderdale 1150  
0858 tent WYOR 105.1 FL Coral Gables 1040  
0900 WINK-FM 96.9 FL Fort Myers, EL, ID 1040  
0901 WJNO-FM 97.9 FL Palm Beach, ID, EL 1150  
WNGU-FM 94.9 FL Miami, MoR, ID 1150  
0904 WMOJ 89.7 FL Miami, actual nx, ID 1150  
0925 KILA 95.5 NV Las Vegas, rel pgm 1040  
1100 tent XHM-FM 88.9 Mexico City DF- 690  
tent XEBS-FM 89.7 ditto, Spanish 690  
1225 spotty 88-89 Es starts up  
1231 tent WUVW 89.7 WI Milwaukee 1100  
1235 tent WTMJ-FM 94.5 WI Milwaukee, EL 1100  
1253 tent WHAD 90.7 WI Delafaid, opera 1080  
1258 WBEV 92.5 WI West Bend, nx, ID 1115  
1300 WIAA WI Interlochen, cx nx, ID 1255  
1305 tent WFRM 96.5 WI Milwaukee, cx nx 1100  
1310 WQPM 93.3 WI Milwaukee, cx nx 1100  
1313 WZUU 95.7 WI Milwaukee, ID, rock 1100  
1317 tent WJVL 99.9 WI Janesville, MoR 1055  
1320 tent WSP-FM 97.9 WI Stevens Pt 1150  
1330 WVMG 103.1 IL Rockton, area nx, ID 1035  
WVUX-FM 106.1 WI Waukesha, ID 1100  
1331 WQON-FM 92.1 MI Traverse City, ID 1265  
1337 WLUU-FM 96.7 IL Loves Park, ad 1030  
1342 WZMF 98.3 WI Menomonee, ad, rock 1100  
WNUW 99.1 WI Milwaukee, nx, ID, rock 1100  
1351 WJVM 94.3 IL Sterling, ad, rock 980  
1405 WDDR-FM 93.9 WI Sturgeon Bay, nx 1225  
f/out for apx 20 minutes then into  
Milwaukee area again for 20 minutes  
1530 tent KNOF 95.3 MN St Paul, rel 1110  
tent WHA-FM 88.7 WI Madison 1065  
tent WPKR-FM 89.3 WI Green Bay 1190  
1750-1810 88.9, 89.7, 88.5 unIDs  
0800 unID Es at time-in from 90-98  
0817 KFBC-FM 97.9 WY Cheyenne, area ads 875  
0820 KUNC 91.5 CO Greeley, area nx 830  
0823 KWVO-FM 106.3 WY Cheyenne, ID, caw 875  
0831 KHOW-FM 95.7 CO Denver, nx, ID 810  
0835 f/out  
0922 suddenly back in with  
KALL-FM 94.1 UT Salt Lake, EL, ID 1080  
0927 tent KMER 90.1 UT Salt Lake, cx nx  
0929 KCFX-FM 98.7 UT Salt Lake, rock 1080  
0931 KSNP-FM 104.3 UT Salt Lake, nx, ID 1080  
0945 KCGH 95.7 MT Scooby, local ads 1380  
0958 KULB-FM 97.1 UT Salt Lake, nx 1080  
1010 KFBC-, KWVO- again  
1014 KMBI 91.1 CO Morrison, ID, \$91 790  
1015 KILX-FM 93.3 CO Fort Collins, ID 850  
1020 KUNC again  
1026 KAVI-FM 95.9 CO Rocky Ford, (660 mi,  
implying MUF apx 128 MHz (ID, psa)  
1028 KBVL 94.7 CO Boulder, EL, ID, nx 815  
1032 KLOV-FM 102.3 CO Loveland, wx 835  
1034 KIMO-FM 104.3 CO Longmont, ID 825  
1037 KAPT 105.9 CO Denver, local ads 810  
1042 KIZ-FM 106.7 CO Denver, ads, ID, 810  
1059 KRDO-FM 95.1 CO Colorado Springs 735  
1100 KPIK-FM 94.3 CO Colorado Springs 735  
KPNL-FM 98.5 CO Denver, area ad 810  
1116 KAKK 105.1 CO Denver, Am. FM nx 810  
1120 KPKN 96.5 CO Colorado Springs, psa 735  
1123 tent KVNN 98.9 CO Pueblo, MoR 700  
1128 KNYD 105.5 CO Security, (730 mi,  
implies MUF 130 MHz) ID, caw  
1145 apx f/out  
1230-1250, Es agn with KBVL, KIZ-; vry odd  
at times with 106.7 in vry well and  
other Denver ones lower in band not  
in..  
1540 tent WJCT-FM 89.9 FL Jacksonville  
1544 tent WYFL 89.1 FL Jacksonville 1015  
1546 WDNJ 94.5 FL Daytona Beach, EL, ID 1055  
1550 tent WJAX-FM 95.1 FL Jacksonville  
1556 WOMA 94.9 FL Tallahassee, nx 855  
1602 WLOA-FM 96.9 PA Braddock, sports 1290

6	1605	tent	WBQM	98.9	FL Tallahassee, EL855	7	1635	94.3	En, brief	
	1617	WDBM	94.9	OH Medina, ID			1653	88.1, brief		
	1629	WYSU	88.5	OH Youngstown, ID		8	0830	vy apotty Es starts 88.7		
	1643	WDBO-FM	92.3	FL Orlando, EL, ID			0834	95.3, 98.7		
	1645	tent	WMOO-FM	96.5	FL Orlando			avrl 88-92 unID to 0920 with MUF		
	1658	WTLN-FM	95.3	FL Apopka, xvl, ID				sometimes into 94-95 range...		
	1703	tent	WBJW-FM	105.1	FL Orlando			FM Es the last 10 days of May very good,		
		tent	WLEB-FM	106.7	FL Leesburg			after a mid-May slump. Some of the tenta-		
	1716	tent	WTLD	94.3	FL Lake City			tive loggings (those that would be new		
	1726	tent	WVFM	94.1	FL Lakeland, EL			stations) are being checked out with report		
	1735	FM	Es	f/out				-results later.		
Steven C. Winchblood, 707 Loma Way, Santa Maria, CA 93454 (May 9 - June 9) (PDT)										
Pioneer SM Q-100B: Symphonie & Receiver: Antenna-FM-4G @ 10 ft; Finco 65-7 ant booster...										
13	Es	1830	KTFP	88.5	TX El Paso, \$, NPR	28	Tr	2016	WBOO 99.1 CA Santa Cruz, 161	
					"Is hnd a day"				(EL in \$) mostly in mono	
		1835	KRNG	90.7	NM Las Cruces, nx			2018	KRNF 89.1 CA Santa Rosa, Sp nx 274	
		1837	KIXY	94.7	TX San Angelo, 1188	30	Es	0855	KAFM 92.5 TX Dallas, \$ rock 1349	
					\$ rock, "94-7"			0903	KAMC 94.9 TX Arlington, \$ rock 1339	
		1840	KMLM	93.9	TX San Angelo, tent 1188			1005	KTDB 89.7 NM Bama, ID, Nave, Jo- 673	
21	GM	0730	KUFM	99.1	CA Santa Maria, tent 15				English mono, Seoul, CMW, pop	
					had carrier on till 0740, then off			1012	KAMN 89.1 NM Albuquerque, mono, 772	
22	Es	1932	KHES	92.5	WA Bellevue, \$ pop				"Albuquerque Public Schools"	
		1936	tent	KXL	95.5 OR Portland, 741			1015	KUNM 90.1 NM Albuquerque, Asian 772	
					Es, Listen, \$				mx, then into rock, \$	
		1950	KPEC	90.9	WA Tacoma, mono, ID			1017	KRST 92.3 NM Albuquerque, ID, \$ 772	
		1951	KPLU	88.5	WA Tacoma, ol \$			1200	KRNG 90.7 NM Las Cruces, ID	
		1954	KTOY	91.7	WA Tacoma, mono, rock			1202	KBAD 92.3 NM Carlsbad, mono, caw 949	
		2000	KUON	94.9	WA Seattle, \$			1205	KRFM 92.3 TX Midland, \$, MoR	
		2028	KYSS	94.9	MT Missoula, \$EL, ID 924			1209	KOYL 97.9 TX Odessa, "Oldies" 1052	
		2051	CHRC	100.9	ALB Isthbridge, 1085			1211	KQIP 96.9 TX Odessa, \$ EL	
					mono, EL, syndicated pgs			1212	KLDG 95.7 NM Hobbs, EL \$	
		2055	KHQ	98.1	WA Spokane, \$ rock			1221	KLEA 101.7 NM Lovington, CMW	
		2102	KAMR	98.9	MT Great Falls, EL \$			1226	KELN 94.9 NM Roswell, mono, MoR	
		2105	KOPR	106.3	MT Great Falls, 987			1238	KIAK 106.7 CO Lakewood, \$, caw	
					\$, local nx, "Copper FM"			1245	KIZ 106.7 CO Denver, \$, rock	
		2108	KCPA	107.9	WA Spokane, gospel 1899			1247	KBEI 105.9 CO Denver, \$ rock	
		2131	KURL	97.1	MT Billings, EL \$			1248	KSEL 93.7 TX Lubbock, rock	
		2136	KBOW	94.1	MT Butte, mono, EL			1255	KVOD 99.5 CO Denver, \$, ol	
23	Es	1244	KTFP	88.5	TX El Paso, ol nx			1455	KBOB 92.3 ID Boise, \$Top40, ID	
		1250	KRNG	90.7	NM Las Cruces, nx			1503	KYSS 94.9 MT Missoula, \$EL, nx	
		1300	KMPM	92.3	TX Midland, "Media 1066			1517	KBOI 97.9 ID Boise, MoR	
					Central", KMPK/KMAN, \$ EL			1528	KRQI 98.1 WA Spokane, \$, "Solid Gold"	
		1302	KQIP	96.9	TX Odessa, \$ EL, 1052			1530	KULD 91.7 ID Moscow, \$ rock	
					"Quality radio for the Peralta	1	Es	1340	KRBC 94.7 OK Oklahoma City, \$ 1281	
					Basin"			1343	tent KDDD 95.3 TX Dumas, mono,	
		1303	KOYL	97.9	TX Odessa, mono, 1052				"Live YMCA Pool Party", DJ's at	
					50's golden rock, live DJ				the pool, with some Top 40 nx	
		1307	KIXY	94.7	TX San Angelo, \$			1350	KGSU 91.7 OK Stillwater, \$ FOP,	
					rock, adm				ID @ 1353, 1416, 100M, "Bobbie	
		1313	KBAD	92.1	NM Carlsbad, caw				Gentry" @ 1414; "More music &	
		1315	KLDG	95.7	NM Hobbs, \$ EL				less voice" 1310	
		1944	KFMA	92.7	ID Jerome, \$ EL			1359	KRNF 98.3 TX Spearman, mono, nx	
		1955	KUER	90.1	UT Salt Lake, mono			1414	KRNF 95.5 OK Tulsa, "\$95", EL	
					"Rainbow Radio News"			1459	KRNF 98.5 OK Tulsa, "\$98", Gospel	
		2000	KBYU	88.9	UT Salt Lake, \$, ol			1507	KGNO 95.5 KS Dodge City, \$EL, 1210	
		2005	7777	94.7	UT Id am "Gold Rush",				"Hvy Tetra Se Nebraska"	
					gold rock, pop, MDT-2105, ad for	2	Es	1529	KVOR 92.9 CO Colorado Springs	
					"Oak Jewlery", and for "Woods				\$, MoR	
					for Men-in the Knothole" 114 E.			1537	KHON 95.7 CO Denver, \$ Blues-Soul 907	
					Second St in town, \$ Gold Rush			1540	KVOD 99.5 CO Denver, \$ opera-ol	
		2039	KLSM	92.9	WA Bellingham, \$, ad			1542	KLIR 100.3 CO Denver, \$ EL	
		2059	KPLU	88.5	WA Tacoma, \$, Cl			1544	KFNL 98.5 CO Denver, \$ rock	
28	Tr	1159	KOME	98.5	CA San Jose, \$, rock	6	Es	1027	KRBC 94.7 OK Oklahoma City, \$caw	
					ID, 1200 News			1029	KRNG 92.5 OK Oklahoma City, \$EL 1281	
		1950	KSOL	107.7	CA San Mateo, Soul 214			1030	KESC 90.1 OK Edmond, \$ EL, wx	
					\$, "K-SOUL" ID			1037	KDDD 95.3 TX Dumas, mono, TSN	
		1952	KLLI	94.5	CA Ukiah, EL	335	2	Tr	1147	San Diego & Tijuana in



**WESTERN FM DX**

**\*\* (Wiseblood-Continued) \*\***

**JULY 1974**

2 Tr 1148 XHIS 90.3 BC Tijuana, \$, Lite 245 2 Tr 1214 KDIG 98.1 CA San Diego, \$MoR, 230  
 rock, "HIS & HERES Radio" rock-gold  
 1201 KLRO 94.9 CA San Diego, \$, Gospel 1232 KPBS 89.5 CA San Diego, NPR pgs 230  
 1205 KFGD 94.1 CA San Diego, \$, nx, 230 on Watergate<sup>TM</sup> mono till 1300, - \$ cl  
 nx, 1208-cl 1245 KFMB 100.7 CA San Diego, \$ EL, 230  
 1210 KOWN 92.1 CA Escondido, \$EL, MoR220 mixing with KHAY

There was a lot of Es during the month, and some tropo towards San Francisco & San Diego -on May 28th I got Ukiah (335 miles) and that is my farthest station by Tr. I also managed to get KOSU in Stillwater, OK by Es on June 1st. My totals are now 181 FM stations received. 65 by Es, 29-88-92 mHz, 13 states, and 112 California stations. 42 new stations this month, (May 9 - June 9). 73's.....

# SPECIAL REPORT

## CUBAN FM STATIONS

88.3	Radio Rebelde	(Oriente Prov.)	a- 14 AP 74 1900 EDT by REW
90.1	Radio Rebelde	(Oriente Prov.)	a- 14 AP 74 1855 EDT by REW
90.5	Radio Rebelde	LA HABANA	a
90.5	La Frecuencia de Azucar		
		SANTA CLARA	b
100.3	La Frecuencia de Azucar		
		CIENFUEGOS	b
102.0	AFR	USNB GUANTANAMO	c- mor/pop/cl 600 w.
103.0	AFR	USNB GUANTANAMO	c- nx/sports/AFRTS 50 w.
105.	Radio Caribe	Nueva Gerona, Isla de Juventud (Isle of Pines)	b
107.5*	Radio Rebelde	(Oriente Prov.)	a- '73 by RC on auto radio

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a = observed REW= Richard E. Wood, RC= Richard Clark

b = heard mentioned on am radio

c = US Navy

\* = approx.

I can only say that information on Cuban FM is lacking and dated. This is as complete a list as I can determine. Any additions, deletions or corrections greatly appreciated. Ken Simon.

KENNETH R. SIMON  
 528 Pilgrim Road  
 West Palm Beach, Fla. 33405



# VHF UTILITY DX

Pat Dyer  
5315 Silvertip Drive  
San Antonio, TX 78228  
Deadline: 12th/month

JULY 1974

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed DX; GMT

2-1: 1737, N3345T 123.2 nr Bay Bridge Arpt, Annapolis, MD (Ohio  
Flyers; 1968 Cardinal Cessna)  
2: 0245, KPED 157.3 nr Annapolis, MD (MORANIA ABACO, tanker)  
2-15: 1857, N5428S 124.2 ov Ches. Bay nr Cambridge, MD (Professional  
Flight Service; Cessna 337, 2-eng, 6-seat, 10w)  
17: 1352, N6255A 119.7 (Mrs. Lee Savage; Cessna 182, 1-eng, 4-seat)  
2-16: 1500, N955TY 119.7 nr Baltimore Friendship Arpt (Hop Flight,  
Inc.; Beech Bonanza P-35, 1-eng, 5-seat, 10 w)  
4-28: 0040, N3949T 124.2 10 mi sw National Arpt, DC (Henry Hill; Piper  
Arrow PA-28R, 1-eng, 4-seat; 3500'; 8 watts)  
1545, N4822T 123.2 Landing Bay Bridge Arpt, MD (York Aero, Inc.;  
Cherokee Arrow, 1-eng, 4-seat)

Glenn Haumer, 620 N. Hubbard, Stillwater, OK 74074 Astronaut 6, GMT

4-30: 0015, KIQ 999 35.34 Mobile, AL (A2 ID pager; Es)  
2-28: 0210, KKI 445 35.58 Houston, TX (A2 ID pager; Es)  
0237, - 35.58 Oklahoma City, OK (pager; trop)  
0240, KKV 690 35.62 Houston, TX (A2 ID pager; Es)

During the May 11 Nixon visit to Stillwater many press + security signals were monitored in the 150-170 MHz band at the OSU stadium.

Now, my loggings. Hallicrafters SX-62/Allied A-2586 with two 30' wires at 12' (nw-se & ne-sw runs); all are Es unless noted; lack of many loggings often due to attention being on FM MUF's etc; GMT used

5-13: 0610, KMA 829	21: 1808, OK City	6-2: 1430, OK City
1800, KIM 905	24: 1513, OK City	3: 1505, KQD 313
1806, KFL 880	26: 0601, OK City	7: 2117, 40.88 (F2)
14: 1610, KAA 893	1541, L Beach	2137, KDN 402
1750, KQD 313	1545, KMA 829	2158, KAG 793
1828, KIQ 999	27: 2358, KFL 943	9: 1907, KMA 829
2302, Los Ang(.38)	30: 1313, KIE 953	10: 1802, KMA 829
17: 2330, Los Ang(.46)	31: 1734, KDN 402	2316, KIE 953
2351, KMA 829		12: 0519, KME 438

KAA 893 35.22 St. Louis, MO	KIM 905 35.22 Charlotte, NC *
KAG 793 42.54 Belmont, IA-sp	KMA 829 35.58 San Diego, CA
KDN 402 35.54 Omaha, NE	KME 438 35.22 Orange, CA
KFL 880 35.22 Greenville, SC	KQD 313 35.50 Dayton, OH
KFL 943 35.58 Las Vegas, NV *	- 35.58 Long Beach, CA **
KIE 953 35.58 Atlanta, GA	- 35.-- Los Angeles, CA-mp

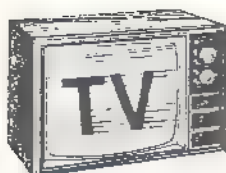
mp-mobile phone; sp-state police; rest are tone pagers, except, \* tone messages with voice ID, \*\* voice messages and ID

As feared somewhat, it appears that some rather high F2 levels have been in during this period. However, with intense Es thru the entire 30-50 MHz band it is almost impossible to "pull out" any F2 signals (especially when they don't ID anyway).

As always, any Es loggings in the VOR band (108-118 MHz) and higher are earnestly desired. On a few days the FM skip was short enough to imply Es possible as high as 130 MHz.

73. Pat

WA5IYX



# C.C.I.

Leslie J. Prus  
1615 Pierre Street  
Manhattan, Kansas 66502  
(Phone: 913-537-7886)

Unidentified TV DX

JULY 1974

For those of you that have been wondering about the irregular appearance of this column within the last year or so, graduate school must take the blame for the lack of time I could devote to DXing and TV-CCI. After a year of not being to DX due to a broken down SEARS receiver, I finally completed assembly of the HEATHKIT GR-104C, a 12" b&w I bought last January. Within an hour of reconnecting lead-ins that were ripped out by last winter's ice storm, I had Es into Mexico and logged two new stations (XEFE-2, XHY-3). It's great to be back, and it will certainly be nice to have some of my own UNIDs to work on again!

I have some plans for the further improvement of this column, which with great modesty and understatement I will call "A GREAT LEAP FORWARD," but this would require extra time and work that I am not prepared to devote. What I'm thinking of is setting up a sort of informal support team of from three to five TV DXers who are willing to work on several small special projects. An example of one such project that has recently been completed is the WFTDA UHF translator list which Richard Allen worked on. Some future projects would take the form of a list, one or two pages long covering a single (low band, at first) channel, with each list concentrating on one of the following items: (1) Pre-sign/on info such as TPs and CBs. (2) Weekday, Saturday, & Sunday morning sign/on or program start times. (3) News names. (4) local movie names. (5) ID slogans. (6) ID logo styles, all pasted on one sheet. (7) SSB types most used. Although these lists could not be published in the VUD, they would be used in resolving UNIDs, and be constantly revised. They would be made available to DXers through photocopying, this being done on an individual basis. Anyone interested in helping out, please contact me.

## GUIDELINES FOR REPORTING TO THIS COLUMN:

As much relevant information as possible about each logging should be included in a report to this column, as this will increase the chances of the logging being identified. The following summary is intended as a guide to what is usually important.

**DATE:** also include the day of the week; it helps when I check the TVGs.  
**TIME & TIMEZONE:** use of the 24-hour system is preferred. It would be helpful to convert the time to the zone of the probable target area, but if this confuses you, just indicate your own zone and I'll do the conversions.

**PROPAGATION MODE:** indicate whether Es, Tropo, Meteor Scatter, or unknown.  
**CHANNEL:** if not sure of a UHF channel, indicate the probable one and the range of uncertainty. (Better yet, get a UHF detent tuner!!!)

**NETWORK:** indicate network if known, but do not jump to conclusions. For example, KQTV-2 is not a PBS affiliated station, but on weekdays at 0900-1000 CDT it carries "Sesame Street." If the program is network originated, even if delayed, indicate it as follows: "NBC Banacek," "PBS Washington Week". Network logos, or promos for network shows are useful as clues.

**PTA (Probable Target Area):** This can be determined by such factors as antenna direction, characteristics of the DX opening, the time zone of the station received, slogans or announcements mentioning cities in the vicinity or other clues as to location, and **ESPECIALLY** other stations (identified) that were received at approximately the same time as the UNID. Be sure to include that info if you have it.

**OFFSET INTERFERENCE PATTERN:** The co-channel interference pattern (cci), if properly interpreted, is very useful in eliminating possibilities.

**RECOGNITION:** Station ID slide and logo slides often have some unique feature making it possible to tentatively identify the station even if other information is lacking. Logos from TV GUIDE are liberally sprinkled throughout this column as well as Glenn Hauser's STATISTICS. Every so often, DXers should get those back issues of the V.U.D. out to refamiliarize themselves with logo styles. Recognition of station personalities (newsmen, weathergirls, and sportscasters), unique test patterns, or even weird station habits can be helpful in IDing loggings.

**PROGRAMMING:** This is the most important information to have about an UNID; while station identification may make up 1% of its broadcasting time, and advertising and promotional announcements perhaps another 4%, fully 95% of a station's time is devoted to programming. TV GUIDE is just made to order for UNIDs like this, and it is definitely worthwhile for the DXer to have out-of-state editions of TVG available for his own use. Often you may be able to get only a rough idea of what the program is (wrestling, panel discussion, show about California hillbillies, or local movie: western about US gunfighters vs. Mexican bandits), but if you can get the name of the show (i.e. "5-star final news," or local movie: "The Magnificent Seven,") you have the UNID virtually wrapped up. It just becomes a matter of checking possibilities in TV GUIDE.

**PROMOTIONAL ANNOUNCEMENTS:** Here's one I caught yesterday: "Watch Family Affair, 4:30 weekdays on TV 5." This will be fairly easy to check out. Promos like these, as well as public service announcements that are locally originated can be very helpful if the ID is missed, so don't let these opportunities slip by, but jot down all this potentially valuable information as you DX. Even network program promos will at least inform you of the station's network affiliation.

**LOCAL NEWS CONTENT:** The content of local news, weather, and sports shows will often provide clues as to the station's location, such as nearby cities and towns, names of senators, congressmen, governors, weather maps (including radar weather which pinpoints the city the station serves), and other information that can be checked out later in an atlas or almanac. Some info is usually worthless, so be selective in taking notes.

**LOCAL ADVERTISING:** A local commercial break is often of considerable value to the DXer, because it is frequently possible for the DXer (and not the TV-CCI editor) to trace the advertiser to a specific city. To do this, it is necessary to know at least one of the following: the name of the advertising business, the address of the business plus the type of product he sells (for checking phone book yellow pages), the full phone number or a partial number consisting of either the area code, or the telephone exchange. The more you have, the easier it is for YOU to trace, and toll-free directory assistance (area code -555-1212) is to advertising UNIDs what TV GUIDE is to programming UNIDs. To avoid antagonizing the phone company, play the game their way and ask them for the phone number even though all you're interested in finding out is whether there is a "Lathan Mazda" in Schenectady, or not.

All these factors are important, and they should substantiate each other. As far as my other preferences go, try to keep the number of loggings sent here reasonable. I don't want to be deluged with hundreds of UNIDs. All high priority loggings, those that are likely to result in a new station for the DXer, are welcome. You can send the others in too, and I will work on them when I have time, but delays may be likely. For that reason I am encouraging TV DXers to build up their own investigative capability and thus they can accomplish in minutes (or a couple of weeks at most) what might otherwise take months. When you send reports to me, please follow the format used in this column. It would be extremely helpful if, in the reports, a half-inch of space could be left between loggings so that I can scribble in possibilities as I check them out.

Also, if a self-addressed postcard is included with your report, I'll send you the results directly as soon as they're determined, if you're in a hurry over a high priority logging.

73, Les

Doug Johnson, 1003 Eagle Dr., No. 130, Denton TX 76201 (1972 unIDs)

Aug 6 Es ch 2 1900 CDT - - ID slide with map of Cuba and the words "Televisión Nacional 2" and letters "XJ." Either La Habana or Ciego de Avila, probably the former. Anyone know for sure?

Aug 18 Es ch 3 1800 CDT - - ID slide with the letters "WOW" with clock hands in the "O" indicating it was six o'clock. This station either in Central zone or one of the few on Eastern standard time (like MI), and PTA: in the north central states.

WOW

Glenn Hauser, 620 N. Husband, Stillwater OK 74074 (1973 Von Ormy TX unID)

Fri Feb 23 F2 ch 2 1501 CST - - ghostly "Archie, Frankenstein" cartoons with no audio, either by Es or F2 into the Caribbean, Central or South Amer. ID slide at 1518 with a small "2" in the middle.

Paul Traska, 64 Weaver Ave., Buffalo NY 14206 (1973 unIDs)

Wed Jun 6 Tr ch 6 1130 EDT - - NBC game shows until 1300 lcl nx. ID slide seen: "W--- 6" Not enough info- LSD. (Lacks Sufficient Data for a positive ID) WRGB? WJAC?

Mon Jun 11 Es ch 5 1200 CDT - - local news with logo showing an outline map of TX and call: "5 ----" within the map. Three possible: WBAP, KENS, KRGV - all have news. High priority unID - Paul needs TX!

Fri Jun 29 Es ch 3 1800 EDT - - "Truth or Consequences" no PTA

3 1800 EDT - - "Hogan's Heroes" KMTV? " "

3 1800 EDT - - NBC "Hollywood Squares" " "

Tue Jul 3 Es ch 6 1530 CDT - - "The Lone Ranger" PTA: Central US, NE? 6 1530 CDT - - "Mike Douglas" KAUS checks, but others may also. Try plotting this opening on a map with other DXers loggings at the same time period to determine the PTA. Thanks for supplying WJIM skeds. LJP

Timothy Sweet, 407 Adalia, Springfield IL 62704 (1973 unID)

Sun May 27 Es ch 2 1050 CDT - - French language panel or discussion program. Promo for "Civilisation" at 1600, and call letter CFBC (?) were shown. No PTA or antenna direction given. Might be a misread of CFAC, but that station programs in English.

John Sally, 29926 Truman Ave., Wickliffe OH 44092 (1973 unID)

Fri Jul 13 Es ch 2 2215 EDT - - "The Wild Wild West." no PTA.

Bill Draeb, Ellis St. RFD 2, Kewaunee WI 54216 (1974 unID)

Tue Apr 16 Es ch 3 1940 EDT - - SS station: slide with "Sabre Rejdas" seen for a minute, then into "Donald Rabbit" cartoons, continuing for 30 minutes with no IDs. No audio, but PTA: Cuba or Caribbean suspected as Miami also being received on ch 4.

Jim Alexander, 8 Court Knolle, New Hartford, NY 13413 (1973 unIDs)

Sat Jun 30 Es ch 3 1600 EDT - - "Mid-Atlantic Championship Wrestling" with ad mentioning Mt. Pleasant. PTA: North Carolina, suspect WBTW-3. There are two "Mt. P." in the region, one in central TN, one in SC near Charleston. WBTW-3 checks in Oct 73 TVGs, while WRBC & WRCB do not. TVG entry only says "wrestling," so it may require additional checking.

Wed Jul 11 Es ch 5 1800 CDT --- local wx: west AR & east OK. KFSA-5.

Fri Aug 10 Es ch 4 1200 CDT --- local "Midday News" and MS wx rept. Suspect WTVY-4. It checks in TVG.

6 1200 CDT - - local ad for "Farmer's GM City Metropolis." PTA: Southeast U.S. w/ WCTV, WRBC, WJEF, WDSU chief suspects. Suggest you try directory assist, Jim.

Fri Oct 26 Es ch 3 1750 CDT - - "Bewitched" PTA: Central U.S. Most have network news, which one doesn't?

Ken Simon, 528 Pilgrim Road, West Palm Beach, FL 33405 (1973 unIDs)

Thu Nov 22 Tr ch 12 0540 EST - - resolution chart to the west. This unID has been seen five separate times during tropo openings, on week-day mornings from 0530,40 to 0600 when a local station comes on: July 4, Aug 13, Nov 22, and 1/1 & 2/6 in 1974. It is not: WREX, WTLV, WSFA, WJTV. A report to WRDW (GA) resulted in a QSL for the July 4 logging but a denial of responsibility for the other four.



A check of Aug 73 TVGs gives the following signon times: WXII (NC) 0610, WDEF (TN) 0625, WCTI (NC) & WRDW (GA) 0630, WTLV (FL) 0645, WJTV (AL) 0700, WSFA (MS) 0730, KSAT (TX) 0745, KSLA (LA) 0750, KMTX (TX) 1000 EST.

IDENTIFICATIONS RECEIVED: Thanks to Ken Simon for sending in these IDs:

Ron LeBlanc: your 5/15/73 unID-3 (Apr 74 VUD, p.18) is XHY-3 Merida.

The upper knob contains a "TV," the lower one a "III".

Pat Dyer: your unID-3 (Nov 72 VUD, p. 37) and Ron's (Apr 74 VUD, p. 18) "TV-3 Newsday has been positively IDed as WKYC-3 Cleveland.

Glenn Hauser, 620 N. Husband, Stillwater OK 74074 (1973 unIDs, Von Ormy TX)

Sun Feb 18 Es ch 2 2018 CST - - ABC Movie "Ten Commandments" delayed one hour. PTA: north central U.S. Suspect: KDIX,KTWO,KTVQ (1918 MST).

2 1957 MST - - end NBC "World of Disney," & begin "Hec Ramsey" KUTV checks, KTWO, KBOI, KTVQ do not. KDIX schedule unknown.

Mon Feb 19 Es ch 2 1103 MST - - NBC "Dinah's Place" delayed, offset minus 10 kHz. PTA: Utah. KUTV?



6 1117 PST --- "Galloping Gourmet" PTA: NV,CA,UT XETV checks.

2 1928 EST - - end "Consultation," seen on PBS net. PTA: southeast US. Suspect WDCN,WSJK, WUND,WPBT,WDIQ,KUSD & KTCA possible.

Thu Feb 22 MS ch 2 1654 CST - - meteor scatter burst with PTA: Cuba or Central America. Slide with the word "Nosotros" in white script. Mexico City Canal 13 carries a show called "Nosotros Los Niños" in this Thursday time slot. Hope this helps.

John Combs, 816 W. Harvard, Orlando, Florida 32804 (1974 unIDs)

Tue Jan 8 MS ch 3 0553 EDT --- five second burst of "Farm Fare" with PTA: northeast U.S. You're in luck! Last year Kevin Braun sent this editor a note re WKYC programs mentioning "T.F." and TVQ confirms that WKYC-3 carries it 0550-551

Non-Identification: Glenn Hauser: Jim Pizzi reports that your 2/9/73 channel 6 unID at 1849 PST is NOT KSEY, which has Hogan's Heroes on at 1930-2000 PST.

Doug Johnson, 1003 Eagle Drive No. 130, Denton TX 76201 (1974 unIDs)

Tue Jan 22 Tr ch 10 0045 CDT - - Mexican station Mon. P.M. 2345 CST showing a SS documentary on Baja Calif. wildlife. Canal 4 network, offset zero. Suspect XHAI, XHL.  
5 0115 CDT - - Kaleidoscopic "computer" effect on screen featuring "5" with background Beatles mx. SS, s-off with no ID. PTA: Mexico. Suspect XHAE.

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228 (1973 unIDs)

Sun Feb 18 MS ch 2 1343 CST - - 3/4 color bar pattern. Possibilities include U.S. educational stations on for Sunday afternoon programming (unlikely, but must be checked). KETS, WMAB, WDIQ, WTHS, WUND, WDCN, WSJK. Also possible are Mexican or Central American stations preparatory to s/on.  
Es ch 2 2000 CST - - ABC "Ten Commandments" not in sync with network but delayed an hour. (same as Glenn Hauser's unID) PTA: north central US: KDIX, KTWO, KBOI, KTVQ.  
2 2002 MST - - begin NBC "Hec Ramsey" (see Hauser's) KUTV likely, but KTVQ also had "Hec" tho did not carry "Disney" 1900-2000.  
2 2245 MST - - CBS "Barnaby Jones" KNXT checks, but KBOI, KTWO, KTVQ skeds unknown for Feb. The only TVGs this editor has to work with are Oct 72 and Aug 73, and "B.J." must have been a midseason entry (1-73)  
2 2255 MST - - NBC "Tonight Show (Johnny Carson) rerun with guest Fernando Lamas. PTA: Western US, KNOP, KDIX, KOAI, KUTV, with KTWO, KTVQ possible but unlikely.  
Mon Feb 19 Es ch 2 0045 CST - - "The Man From Uncle" PTA: Western US, KWGN, KTWO, KDIX, KNOP, KTVQ, and KBOI.  
2345 MST  
2245 PST KOAI, KNXT. A note about program identification: don't jump to hasty conclusions; KNXT has "The Protectors" scheduled during this time slot, and since Robert Vaughn starred in both series (David McCallum did not) there may have been a misidentification here.  
3 0050 CST - - two hour delayed ABC movie. KETV checks but KTVK schedule unknown.  
2250 PST

73, LES



# DOMINICAN REPUBLIC UPDATE

Richard Clark, of Lighthouse Point, Fla., just got back from his trip to Santo Domingo and reports the only change from the list in Feb. '74 VUD is that Tele-Inde is now on 13.

Addressees for the station from the Paginas Amarillas are:  
Colonvision, George Washington, Santo Domingo tel. 688-6661  
RTV Dom., Av. Dr. Tajada Florentino S, Santo Domingo (Apt. 969) 689-2121  
Bahintel, ~~Cerro~~ de los Heroes, Santo Domingo 533-3151  
Radio Comercial, 8 No. 23 La Fe, Santo Domingo 565-5625

All CPs remain not on the air as of May 1974

## HAITI

According to BOB DXer Ron Schatz, of Miami, Fla., there are three channels he noted on the air in a 1973 visit to Port-au-Prince. They are ch. 2, 4 and 6.

## **Your attention, please!**

The U.S. Navy Antarctic Support Group has relayed the following to me about TV and FM at the South Pole:

TV is supplied on three channels all parallel all from McMurdo base. During the Austral summer operation times are: weekdays-0700GMT-1200GMT; week-ends-2300GMT-0900GMT. During the Austral winter use is limited.

Ch.	call	Location	notes
A2	AFAN-2	McMurdo	wired
A4	AFAN-4	McMurdo	
A7	AFAN-7	McMurdo	


FM is provided through AFAN-FM on 100.0 MHZ with about 10 hours of live programing and remainder from AFRTS-LA.

The main target area for reception is McMurdo, Scott bases and Williams Field.

Reception reports can be sent to Public Affairs Office, U.S. Naval Support Force, Antarctica, Bldg. 101, Seabee Center, Danville, R.I. 02854.

I am sorry to report no mention of power, test patterns, offsets or antennas was made. The stations have been in operation since late '73.

-30-

  
KENNETH R. SIMON  
528 Pilgrim Road  
West Palm Beach, Fla. 33408



# FM QSL CORNER

- CON WNHU 88.7 WEST HAVEN, ltr. RICHARD L. GELGAUDA, gm "most distant report" (RW)
- FL WHRS 91.7 BOYNTON BEACH, ltr, prgm sked. JOHN H. BURGER, m (LV)  
 WQXM 97.9 CLEARWATER, ltr, WILLIAM D. ELLIOTT, ce. w/info on other rpts. (LV)  
 WLRN 91.3 MIAMI, ltr. HENRY C. CHONIN, dir. TV/Radio eng. (LV)  
 WHOO 96.5 ORLANDO ltr. info on xmtr & ant. PRISCILLA ANN KYND, public affairs (LV)
- WFCS 99.3 PENSACOLA, ltr. BOB BOWMAN, ce. xmtr/ant info (PD)  
 WFOY 97.7 ST. AUGUSTINE ltr, cm. E.J. DOYLE, night eng. (LV)  
 WRMF 98.3 TITUSVILLE, 2pp ltr. LOU JOSEPHS, production Dir. most distant (LV)  
 WGYL 93.5 VERO BEACH, ltr. CHRIS HUBBARD, best report de Waterloo, Ont. (LV)
- IL WELL 98.5 FREEPORT, ltr. TERRY BOBZEIN, gm. (PD)  
 WMIX 94.1 MT. VERNON, card. RAY MILLMAKER, CE (PD)  
 WYAY 101.7 ROBINSON, ltr. ROGER DEE REYNOLDS, ce. (JM)
- IN WVHI 105.3 EVANSVILLE, ltr/info. JOHN JOHNSON, excited about rpt. (PD)  
 WFMS 95.5 INDIANAPOLIS, ltr. RICK MARTIN, CE (PD)
- LA WYNK 101.5 BATON ROUGE, ltr. PAGE DEW, asst. eng. 5 mo. (PS)  
 WRNO 99.5 NEW ORLEANS, ltr. JOSEPH M. COSTELLO, III, (LV)  
 WONO 89.9 NEW ORLEANS, ltr. RUSSELL TRAUTH, ce. (LV)
- IOWA KXEL 105.7 WATERLOO, usual AM card. EDITOR: Greg Kelley-  
106 Archer Street  
Staunton, Va. 24401
- KEN WNES 101.9 CENTRAL CITY, ltr. SCOTT THOMSON, Pd. snet copy of script for  
 Sears Ad that was hrd. Searsam, was "sparkled" with distance. (JM)  
 WJRS 103.1 JAMESTOWN ltr. LARRY E. MILLER, asst. m. (JM)  
 WLSL 106.3 HARTFORD, verie on rpt. no v/s. (PD)  
 WKYX 93.2 PADUCAH, ltr. J.B. FOWLER, CE. (JM)
- MA WFCR 88.5 AMHERST, ltr, sked. PAUL FONTAINE, eng. most distant. (RW)  
 WGBR 89.7 BOSTON, ltr. JOHN H. BECK, prgm. dir. most distant. (state #39) (RW)
- MI WOOD 105.7 GRAND RAPIDS, ltr. MICHAEL LAREAU, gm (PS)
- MS WVMI 93.7 BILOXI, ltr. JIM WALKER, K4PRE. rate card/cm (LV)  
 WZZQ 102.9 JACKSON, ltr/Card. most distant. (RW)  
 WTYL 97.7 TELEROWN, ltr. ROY FOWE, m (LV)  
 WKYE 106.7 VICKSBURG, ltr. WAYNE POWELL, PD. 2nd de Canada. (JM)
- MO KCLC 89.1 ST. CHARLES, verie on BS. JERRY VAILLANCOURT, acting pgm. dir. (PD)  
 KCFM 93.7 ST. LOUIS, ltr. EDWARD S. BENCH, ce (JM)
- NY WCSQ 89.3 CENTRAL SQUARE, QSL form. SASE. HUGH WHITE, dir. radio. (JA)  
 WOIV 105.1 DE RUYTER, xerox copy/station info. no v/s. (JA)  
 WKFM 104.7 FULTON, mimeo. form ltr. ROBERT L. ROONEY, ce (JA)  
 WMCR 108.3 ONEIDA, homemade card. EILEEN LELICE (JA)  
 WRVO 89.9 OSWEGO, QSL form. (JA) no v/s.  
 WSYR 94.5 SYRACUSE, ltr/cm. MRS. F. RIOUX, eng. dept/scre. (JA)
- NC WJSK 102.3 LUMBERTON, verie my pc. can't read v/s. time: 19 mos. (GK)  
 WRNS 95.1 KINSTON, ltr. EUGENE UNDERWOOD, ce "gone to 200kw" (PD)  
 WRAL 101.5 RALEIGH, ltr. WALLY VOIGT, vp. (my most distant normal rec. (GK)

Notes from members..... Peter Sawatzky says good geminid shower reception of over 1000 miles on Dec 11-15. Bruce Elving. not verified.. San Antonio KEKL 104.5 abd WAUN 92.7 Kowaanee, Wis. Bruce reports FM DX May 29-30 of distances to AL & AZ. says he sent 12 reports.

Contributors this month: JM.. Joe Markewicz, Manitoba ROCOMO. PD.. Pat Dyer of San Antonio, Tex. PS.. Peter Sawatzky, Waterloo, Ont. BE.. Bruce Elving, Adolphus, Mn. LV... Larry Vogt, Springfield, Va. JA... Jim Alexander, New Hartford, NY. RW... Richard Wood, Baton Rouge, La. says he will move to NY. CR.. is me, de editor.

I've got a book for sale: Basic Television 653pp. paid \$10. sell for \$4 & post. is about TV theory and receivers. chapter on antennas. if interested.. write to me.

For you SW fans: just got QSL card from SYRIA. also sent small pennant. time was 1 year 1 month.

# TV QSL CORNER

TV QSL COLUMN

JULY 1974

**EDITORIAL:** I would like to take this opportunity to register a protest against the tone of BEYOND SHORTWAVE's remarks on TV QSLing. I and many club members enjoy chasing elusive QSLs just as much as DX. I have made many acquaintances and received many friendly letters from station personnel and best of all I've learned a lot of things I'd have never dreamed of. I'm not criticizing those who don't chase QSLs. I'm only saying I'm entitled to my opinion too.

I will be going to Guatemala, El Salvador and Costa Rica in August. I will attempt to carry QSL requests to stations there, especially TGV-3. If you send me reports I will try to see if I can hand carry them to the stations. Note: I may not be able to get to all stations....I MUST have reports (and I hope they're in SPANISH) by Aug. 1, 1974. (By the time you read this, I hope the Spanish report form has been run.)

Welcome aboard to William (Bill) Hale of Shalimar, Fla., near scenic Fort Walton Beach....also I know there's more QSLers out there so GET ON THE STICK!

and now to the reports:

AL WBRC Ch 6 BIRMINGHAM, ltr. HARRY L. LAWSON, ce. 24 days. (JC).  
 FL WJCT Ch 7 JACKSONVILLE, ltr. PEG GEARY, eng. sec. 9 days. (WH).  
 FL WFLA Ch 8 TAMPA, card. PATRICK McLAUGHLIN, ce. 8 days. (WH).  
 FL WFTV Ch 9 ORLANDO, ltr. RICHARD H. GLEICK, dir. psm. 4 days. (WH).  
 FL WINK Ch 11 FORT MYERS, ltr. CLARENCE MOSLEY, ce. 9 days. (WH).  
 FL WTVT Ch 13 TAMPA, ltr. FRANK RANKEL, ce. 7 days. (WH).  
 GA WRBL Ch 3 COLUMBUS, ltr. JOE A. GAMBLE, ce. 2 weeks. (JC). same. (KRS).  
 LA WDSU Ch 6 NEW ORLEANS, usual booklet but with typewritten confirmation notation mentioning date. 3 weeks. (KRS).  
 NY WYES Ch 12 NEW ORLEANS, ltr. psm. guide. ANTHONY B. MAURIN JR. dir. eng. 6 days. (JC).  
 NE KMTV Ch 3 OMAHA, form letter. JOAN A. BAILLOH, promo dept. 9 days. (JC).  
 NC WCPT Ch 12 NEW BERN, ltr. & map. JACK R. BECKNELL, ce. 9 days on 2nd try. (JC).  
 ND WDDU Ch 28 DURHAM, ltr. LONDON WHITT, eng. 9 days. (JC).  
 ND WRST Ch 36 CHARLOTTE, ltr. CATHY HONEYCUTT, prom. dir. 4 days. (JC).  
 NJ WUNJ Ch 39 WILMINGTON, ltr. from WUNC-4, ALAN B. MACINTYRE, dir. eng. 9 days. (JC).  
 SC WATV Ch 29 GREENVILLE, WRBK Ch 35 COLUMBIA, ltr. from WRBK, GERALD H. WARE, xmen. eng. 1 week. (KRS).  
 SD KUSD Ch 2 VERMILLION, ltr. DENNIS L. HAARSAGER, adm. asst. 9 days. (JC).  
 TX KBTX Ch 3 BRYAN, ltr. W. B. COX, ce. 11 days. (JC).  
 TX KDFW Ch 4 DALLAS, unsigned card. 12 days. (JC).  
 TX KUHT Ch 8 HOUSTON, ltr. DAVEY KRODEL, eng. 9 days. (JC).

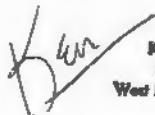
**\*\*Has anyone come up with a QSL for WVAN-9 SAVANNAH?** Well I haven't but I got a new address to try. Box 367/PEMEROK/CA 31321.

**\*\*I just sent off a report for the new BAHAMAS ch. 11 (ZFRQ-6) at HIGH ROCK, GRAND BAHAMA to Tethered Communications, Inc., TCON/c/o WESTINGHOUSE ELECTRONICS CO. in Pittsburgh, Pa. I'm not sure what results to expect but I've got my fingers crossed so far.**

**\*\*A suggestion:** When writing Latin American stations, send the report registered, air mail and return receipt requested. It is expensive but less of your mail gets LOST!

**\*\*WVAY-3 and WCBS-2 remain virtual NON-QSLers.** I've written the PR department of the CBS network and received no reply yet. If you look above you'll see WDSU-6 will send something beside just a booklet.

**\*\*\*CONTRIBUTORS....WH--William Hale in Shalimar, FL; JC--John Combs in Orlando, FL; and KRS--me. HOW ABOUT MORE CONTRIBUTORS. AS OF THIS ISSUE ONLY 10 PEOPLE HAVE SENT IN REPORTS FOR THIS COLUMN. REMEMBER YOUR CLUB IS ONLY AS GOOD AS YOUR SUPPORT. AFTER ALL FOR \$9 YOU OUGHT TO SEE YOUR NAME IN PRINT ONCE AND A WHILE.**



KENNETH R. SIMON  
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 West Palm Beach, Fla. 33405

# SPECIAL REPORT

## CUBAN TV STATION LIST

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Ch.	Offset	City	Net	Old call	notes
2	+10	La Habana	ICR2	CMAB	a, <u>key</u>
2	0	Santiago de Cuba	ICR6	CMCU	a
2		Ciego de Avila	ICR2		b
3	+10	Santa Clara	ICR6	CMH	a
3	-10	Holguin	TR	CMKJ	a
4	-10	Camaguey	ICR2	CMJ	a
4		La Habana		CHBF	b, former <u>key</u> of Canal 4 net, now off.
5	+10	Santiago de Cuba	TR	CHLB	a, <u>key</u>
5		Santa Clara	ICR2	CMHQ	b
6	0	La Habana	ICR6	CMQ	a, <u>key</u>
6	-10	Camaguey	ICR6	CMJL	a
7	+10	Ciego de Avila	ICR6	CMFD	a
7		Baracoa	ICR2		b
7		San Cristobal			b
8	0	Santa Clara	ICR2	CMRA	a
8		Holguin	ICR6	CHLD	a
8		San Cristobal	ICR2		b
8		(unknown)	TR		a, c
8		USNB Guantanamo	AFN		d
9	0	Matanzas	ICR6	CMCQ	a
11	-10(?)	Cardenas	ICR2/6		a
12		Pinar del Rio	ICR2		a
13	0	Matanzas	ICR2	CMG	a
13	-20	Guantanamo	TR		a
13		La Habana			b

all reception of ICR6 (La Habana) on ch. 61 and 64 originate at U.S. translators W61AA, and W64AD in Fort Lauderdale and Boca Raton, FL. (100 w., xrp 1.2 kw).

a= seen during 1974

c=logged Mar. 21, 1974, 0653 EDT with a grid test pattern.

b= was on, but now believed off

d= information from U.S. Navy

ICR is the Instituto Cubano Radiotelevision, operating out of the old CMQ Radiocentro building in Habana. They have been known to verify with QSL cards that list time, date and network. (Channel, location omitted)

TR is the Telerebelde network, which operates out of Santiago de Cuba and is believed to be a regional (Oriente Prov.) network. No QSL information is available.

prior to the ICR and TR nets, Canal Cuatro (CHAF) and Canal Seis (CMQ) were seen in the late '60s.

The main problems involved in this list are: (1) Cuban has never issued a list of TV stations since Castro came to power in '59. (2) Most of the stations use U.S. equipment that cannot be replaced and when one went out parts were probably cannibalized.

Any information that updates or corrects this list would be appreciated.

-----Ken Simon/528 Pilgrim Rd./West Palm Beach/Fla. 33405

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